07-VEN-SR-33, PM 0.0/6.0
Storm Water Mitigation Program – 20.20.201.335
EA 27500K
July 2009

PROJECT SCOPE SUMMARY REPORT (STORM WATER MITIGATION) to Request Programming in the 2010 SHOPP and Provide Project Approval

On State Route 33 (SR-33)

Between US-101

And Casitas Vista Rd

I have reviewed the right of way information contained in this Project Scope Summary Report and the R/W Data Sheet attached hereto, and find the data to be complete, current and accurate:

ANDREW P. NIERENBERG
DEPUTY DISTRICT DIRECTOR OF RIGHT OF WAY

APPROVAL RECOMMENDED:

for **OJAS SHETH**
PROJECT MANAGER

CONCURRED BY:

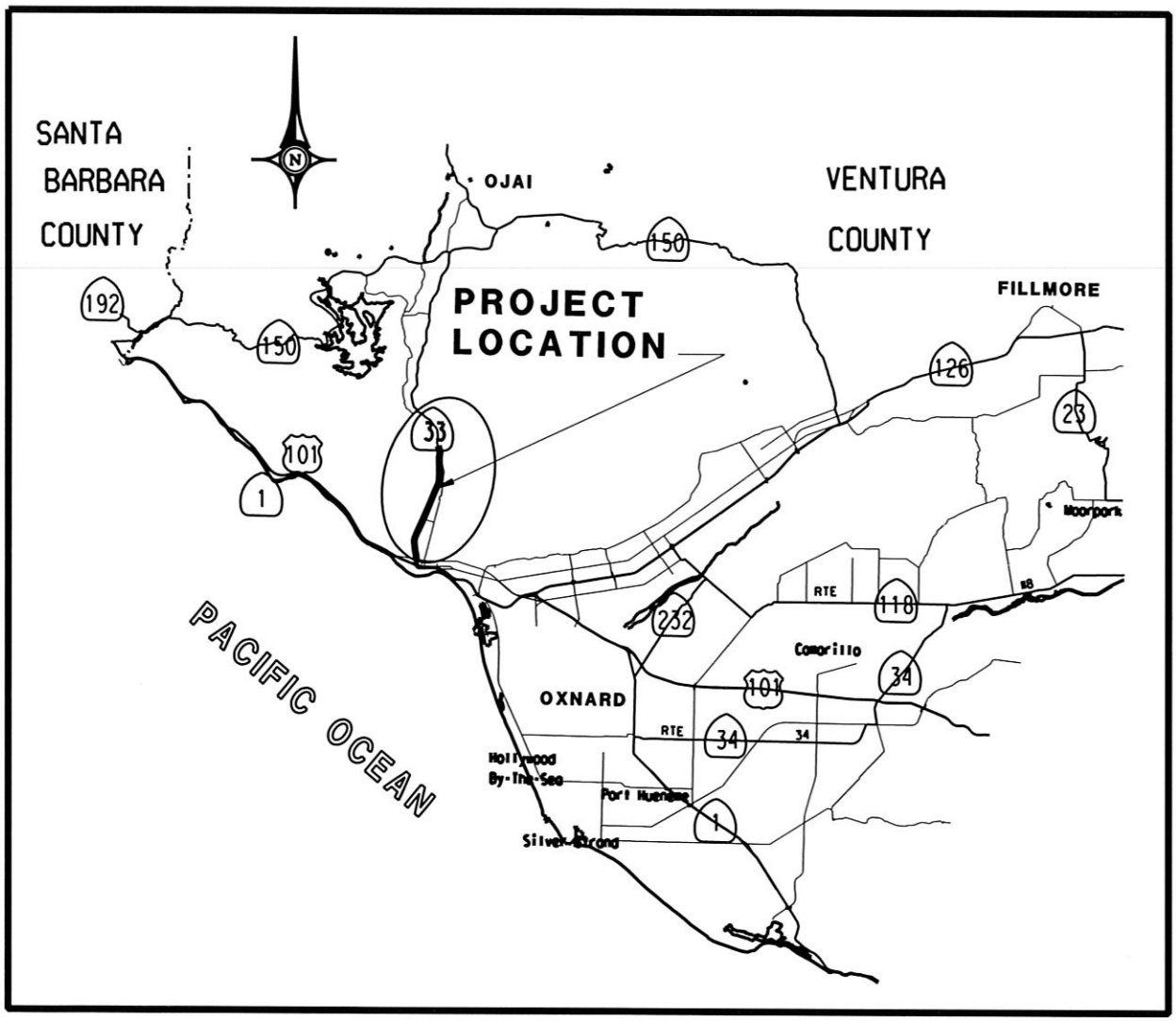
JAMES McCARTHY
DEPUTY DISTRICT DIRECTOR, DIVISION OF PLANNING, PUBLIC TRANSPORTATION & LOCAL ASSISTANCE

WILLIAM H. REAGAN
DEPUTY DISTRICT DIRECTOR, DIVISION OF DESIGN

APPROVED:

DOUGLAS R. FAILING
DISTRICT DIRECTOR

8/5/09
DATE



On State Route 33 (SR-33)

Between US-101

And Casitas Vista Rd

This Project Scope Summary Report has been prepared under the direction of the following registered civil engineer. The registered civil engineer attests to the technical information contained herein and the engineering data upon which recommendations, conclusions, and decisions are based.

July 27, 2009

REGISTERED CIVIL ENGINEER *DATE*

TABLE OF CONTENTS

1. INTRODUCTION

This Project Scope Summary Report (PSSR) proposes the design and construction of Best Management Practices (BMPs) Devices for Storm Water Mitigation at outfall/discharge points before storm water leaves Caltrans Right-of-Way (R/W) on SR-33, PM 0.0/6.0 .
The BMPs will include infiltration/detention basins, media filters, Gross Solid Removal Devices (GSRDs) and natural trash-capturing devices (e.g. bio-swales/strips).

The project lies within the Ventura River Watershed (Ventura River Estuary and Ventura River Reach 1, 2, and 3) and 41 outfall locations were identified within the project limits.

The Capital Cost for this project is estimated at $26.3 million in 2009 dollars, including Time Related Overhead (TRO), hazardous waste mitigation and disposal, construction site management, storm water pollution and other essential costs.

No additional Right-of-Way (R/W) is required because all construction work is within Caltrans R/W), however, $340,000 has been allocated for utility relocation (see R/W Data Sheet - Attachment H.

Project Limits	07-VEN-SR-33, PM 0.0/6.0
Construction Cost:	$25.9 million (2009 dollars)
Right-of-Way Cost:	$ 0.4 million (Utility Relocation)
Capital Cost:	$26.3 million (2009 dollars)
Funding Source:	SHOPP – Storm Water Mitigation
Number of Alternatives:	One
Recommended Alternative (for programming and scheduling):	One
Type of Facility (conventional, expressway, freeway):	Freeway and Freeway Ramps
Number of Structures:	None
Environmental Determination Document:	CE (Categorical Exemption/Categorical Exclusion) dated 2/3/09
Legal Description:	N/A

2. BACKGROUND

Under Section 303(d) of the Federal Clean Water Act (CWA), states, territories and authorized tribes (the "Jurisdictions") are required to develop a list of impaired waters. These waters on the list do not meet water quality standards that the Jurisdictions have set for them, even after point sources of pollution have installed the minimum required levels of pollution control technology. The CWA requires that the Jurisdictions establish priority rankings for water on the lists and develop Total Maximum Daily Loads (TMDL) for these waters.

The list of impaired waters developed by the Jurisdictions is customarily referred as the 303(d) List. The Jurisdictions are required to submit an updated 03(d) list to the United State Environmental Protection Agency (USEPA).

The Ventura River and its tributaries are included on the 2006 303(d) List due to following impairments:

1. Ventura River Estuary – Algae, Eutrophic, Total Coliform, and Trash
2. Ventura River Reach 1 and 2 – Algae
3. Ventura River Reach 3 – Pumping/Water Diversion

Section 3, Purpose and Need Statement, provides additional background information.

Upon a detailed field scoping/review and analysis of the outfall locations within the project limits, 41 outfall locations were identified for the installation of Treatment BMPs and all were located in Hydrologic Soil Type B according to the District Soil Group Index map.

Table - 2.1: Recommended Treatment BMPs

Infltration Basin with Biofiltration	Media Filter (Austin/ Delaware)	Gross Solids Removal Devices
3	4	34

3. PURPOSE AND NEED STATEMENT

Need:
The Ventura River Estuary Trash TMDL (Trash TMDL) was adopted by the Los Angeles Regional Water Quality Control Board (LARWQCB) and it became effective on March 6, 2008. The TMDL requires the Responsible Agencies, including Caltrans to reduce amount of trash deposited in the waterbodies and in the storm water discharges to "zero" in eight (8) years. Responsible Agencies may implement a Minimum Frequency of Assessment and Collection Program in or adjacent to the waterbody or place full capture devices at the drainage outfalls.

Purpose:
This project proposes to construct infiltration basins with biofiltration, media filters, and GSRDs in order to comply with the TMDL requirements for storm water discharge from Caltrans facilities.

A list of pollutants that can be treated by the proposed Treatment BMPs is summarized in Table 3.1.

Table 3.1: Applicable Treatment BMPs and Targeted Pollutants of Concern[1]

Pollutants	Treatment BMPs		
	Infiltration Basins with Biofiltration	Media Filters	Gross Solids Removal Devices (GSRD)
Total Suspended Solids	✓	✓	
Nutrients	✓	✓[2]	
Pesticides	✓		
Particulate Metals	✓	✓	
Dissolved Metals	✓	✓	
Pathogens	✓		
Litter	✓	✓	✓
Biochemical Oxygen Demand	✓		
Total Dissolved Solids	✓		

Notes:

1. Reference - Table 2.2 of Caltrans Storm Water Quality Handbook, Project Planning and Design Guide, May 2007.
2. Phosphorus and Nitrogen for the Austin Sand Filter; Phosphorus only for the Delaware Sand Filter.

4. DEFICIENCIES

Within the project limits, Ven-33 is a Caltrans facility that is required to comply with the Federal Clean Water Act in regards to storm water discharge from the roadway. This project proposes to construct BMP Devices in order to comply with applicable requirements for storm water discharge.

5. CORRIDOR AND SYSTEM COORDINATION

5A. Regional Planning:

The proposed project is consistent with the Southern California Association of Governments (SCAG) existing 2008 Regional Transportation Plan (RTP) that was approved by SCAGs Regional Council in June 2008. Projects of this type are not specifically listed in the U.S. Environmental Protection Agency (US EPA) Transportation Conformity Rule (40 CFR § 93.126) Tables 2 and 3, category of projects that are exempt from both regional and localized emissions analysis. However such projects, done off the roadway, and not regionally significant, would be considered exempt under Table 2 of the Transportation Conformity Rule.

5B. Other Agencies Involved (Permits/Approvals From Fish & Game, Corps Of Engineers, Coastal Commission, Etc.):

The Los Angeles Regional Water Quality Control Board (LARWQCB) will enforce and monitor the implementation of the various TMDLs. Some outfall locations might be within the jurisdiction of the Coastal Commission and permits may be required from Fish and Game, Army Corp of Engineer, County Flood Control, and LARWQCB.

5C. Transportation Concept Report (TCR):

The Concept Facility in the latest TCR is the same as the Current Freeway Configuration, and the proposed treatment BMPs do not conflict with the TCR.

6. ALTERNATIVES

The build alternative proposed for this PSSR proposes the construction of infiltration basins as the preferred method to comply with the various TMDL requirements, as these devices effectively remove the most pollutants. Media filters are the next preferred device when infiltration basins are not feasible due to space considerations and/or geotechnical study findings. Biofiltration systems are considered when there is not sufficient space available for the above Treatment BMPs. GSRDs are being considered as the least preferred BMP device. Attachment B shows the outfall locations and Attachment C summarizes the Treatment BMPs recommended for each location. It is anticipated that construction of BMPs for this project could have environmental issues and would impact existing traffic & underground utilities. Full-scale investigations on detail impacts at all locations would be done during the next phase of this project. It is anticipated that most of the recommended BMPs are feasible as stated in this report. The determination of the most suitable BMPs will be finalized in the next project phase. The BMPs are planned for construction within the existing Caltrans R/W.

The No-Build Alternative would be considered non-compliant by the LARWQCB. The cost and resources needed for implementation would likely be significantly higher in the future under an accelerated schedule in order to comply with storm water guidelines if the No-Build Alternative were to be selected.

7. COMMUNITY INVOLVEMENT

All work will be performed within the existing Right-of-way (R/W) and no R/W acquisitions will be required for the proposed project. The project is not expected to result in any changes in traffic pattern and is not expected to affect the surrounding community because the work is done in areas remotely located from residential areas. However, community involvement and participation will be invited by means of public project information as noted in the Transportation Management Plan (TMP).

8. ENVIRONMENTAL DETERMINATION DOCUMENT

A Categorical Exemption/Categorical Exclusion (CE) determination document for the project was approved on 2/3/09 (see Attachment G - Environmental Clearance)

8A Hazardous Waste Disposal Site Required? If Yes, Where Are Sites?

This project involves excavation for the construction of Infiltration Basins, Media Filters, GSRDs, and/or Bio-Strips/Swales. According to the Preliminary Hazardous Waste Assessment (Attachment M) by the District's Hazardous Waste Unit, aerially deposited lead (ADL) contamination may exist at locations where Treatment BMPs will be installed based on the available information in the project corridor.
Further ADL site investigations will need to be conducted at the PS&E phase. It is recommended that excavated ADL contaminated soils be reused on site. A Lump Sum of $500,000 to initiate site investigations and for properly handling and disposal of contaminated soils not being reused and other hazardous materials as well as a lead compliance plan have been included in the total project costs as Hazardous Waste Mitigation Work in the Cost Estimate (Attachment E).

8B Highway Planting And Irrigation:

During the detailed field scoping/review no existing highway planting and irrigation were observed within the project limits.
However, the Cost Estimate (Attachment E) includes a total of $350,000 to replant and establish areas disturbed during construction with native vegetation under Highway Planting, Irrigation, Erosion Control, and Slope Protection.

8C Roadside Design And Management:

Since the work for constructing Treatment BMP devices occurs mostly off the traveled way, it is anticipated that the need for lane closures, detours and traffic control would be minimal.

8D Stormwater Compliance:

A Long Form Storm Water Data Report was prepared in accordance with the Storm Water Quality Handbook-PPDG, June 2007 and was approved on 6/3/09, by the District National Pollutant Discharge Elimination System (NPDES), TMDL and other appropriate Coordinators. (See Attachment J).

8E Right-of-Way:

No additional Right-of-Way is anticipated because all construction work is within Caltrans R/W, however, funds have been allocated for utility relocation.

9. OTHER PROJECT CONSIDERATIONS

9A. Design Exceptions:

Headquarters Design Coordinator concurred that it is beyond the scope of this project to address any geometric standard.

9B. Air Quality and Conformity:

Air Quality & Conformity - The proposed project is exempt from all emission analyses and does not require a qualitative Mobile Source Air Toxics (MSAT) analysis. During construction the project will need to comply with dust control measures (see Attachment L – Air Quality and Conformity).

9C. Noise:

Noise Impact- The project is not considered a Type 1 project and is not expected to result in traffic noise impacts per Caltrans Traffic Noise Protocol.

9D. Railroad Involvement:

None, the outfall locations are not located near a railroad track.

9E. Transportation Management Plan (TMP):

No prolonged temporary ramp or lane closures are anticipated for this project, and any closures affecting local streets should be coordinated with local agencies.
A TMP Data Sheet for the project has been prepared and approved by the District Traffic Manager on 12/09/08 (see Attachment I).

9F. Vehicle Detection Systems:

It is anticipated that the Vehicle Detection System will not be affected by this project since the work for constructing Treatment BMP devices occurs mostly off the traveled way as noted in Article 8C.

9G. Current Projects:

The table below lists the status of current projects within this project's limits:

EA	Route	Post Mile	Project Scope	PAED	RTL	CCA
4Y2001	VEN 33	0.31 / 37.5	Bridge Preservation	07/2009	08/2010	07/2011
27670K	VEN 33 (US-101, VEN-1 & 26)	0.16 / 12.8	ADA Curb Ramps	NA	9/2011	5/2012

10. FUNDING

This project is proposed to be included in the 2012 State Highway Operation Protection Program (SHOPP) and will be funded from the Storm Water Mitigation program 20.20.201.335.

Per recommendations from the District Program Advisor, this project may be programmed as a whole or for all BMPs excluding the GSRD devices.

10A. Capital Cost:

The capital cost for the Build Alternative including 10% Time Related Overhead (TRO) costs as of September 2009 is $26.3 Million (see Attachment E – Cost Estimate).
The cost of the project in the "proposed 2013/2014 program year" is $31.6 Million. The escalation factor used is 5% per year non-compounded.

10B. Capital Support:

	PROJECT SUPPORT COMPONENTS								
	PA&ED		Design		Right of way		Construction		Total
	0 Phase		1 Phase		2 Phase		3 Phase		
	Dist	DES	Dist	DES	Dist	DES	Dist	DES	
Estimated PY's									
Estimated PS $'s ($1000's)	-	-	3,785	-	425	-	4,208	-	8,418
Estimated PYE $'s ($1000's)	-	-	-	-	-	-	-	-	-
Total $ (1000)	-	-	3,785	-	425	-	4,208	-	8,418

11. SCHEDULE

Milestones	Delivery Date
Project PS&E	09/04/2013
Right of Way Certification	12/16/2013
Ready to List (RTL)	12/31/2013
Approve Contract	02/28/2014
Contract Acceptance	12/16/2014
End Project	03/16/2015

12. FHWA COORDINATION

No federal-aid funding is anticipated and no FHWA coordination or action is required for this project.

13. DISTRICT CONTACTS

Elaheh Yadegar – Office of Project & Special Studies Office Chief	(213) 897-9635
Jai Paul Thakur – District Program Advisor	(213) 897-7546
Kelvin Yuen - Office of Project & Special Studies Senior Transportation Engineer	(213) 897-4637
David Oen – Office of Project & Special Studies Project Engineer	(213) 897-5995
Ojas Sheth – Program & Project Management Project Manager	(213) 897-8595
Carlos Montez – Environmental Planning Senior Environmental Planner	(213) 897- 9116
Dan Murdoch – Office of Right of Way Appraisals and Planning Office Chief	(213) 897-1816
Albert Yu – TMP Manager, West Region Senior Transportation Engineer	(213) 897-0285

14. PROJECT REVIEW:

This project was reviewed by:

D7 201.335 Program Advisor _____Robert Wu_____Date: __4/14/2009__

D7 Right-of -Way _____Dan Murdoch_____Date: __4/14/2009__

Office of Maintenance Support _____Richard Gordon_____Date: __4/14/2009__

District Storm Water
Mitigation Program Advisor_____Jai Paul Thakur_____Date: __4/14/2009__

Quality Review_____Date: __4/14/2009__

15. SCOPING TEAM FIELD REVIEW:

A field review of the project scope was conducted in Field Scoping/Review on 7/1/08, 7/10/08, 7/15/08, 7/17/08, 7/22/08. Field scoping team members included Dan Cortez, Lac Tran, Antoine Nader, and David Oen from the Office of Project and Special Studies.

16. ATTACHMENTS:

A. Project Location Map

B. Outfall Location Plan

C. Outfall Data List

D. Project Schedule

E. Cost Estimate

F. Schematic Diagrams & Photos of Treatment BMPs

G. Environmental Clearance

H. Right Of Way Data Sheet

I. TMP Data Sheet

J. Storm Water Compliance

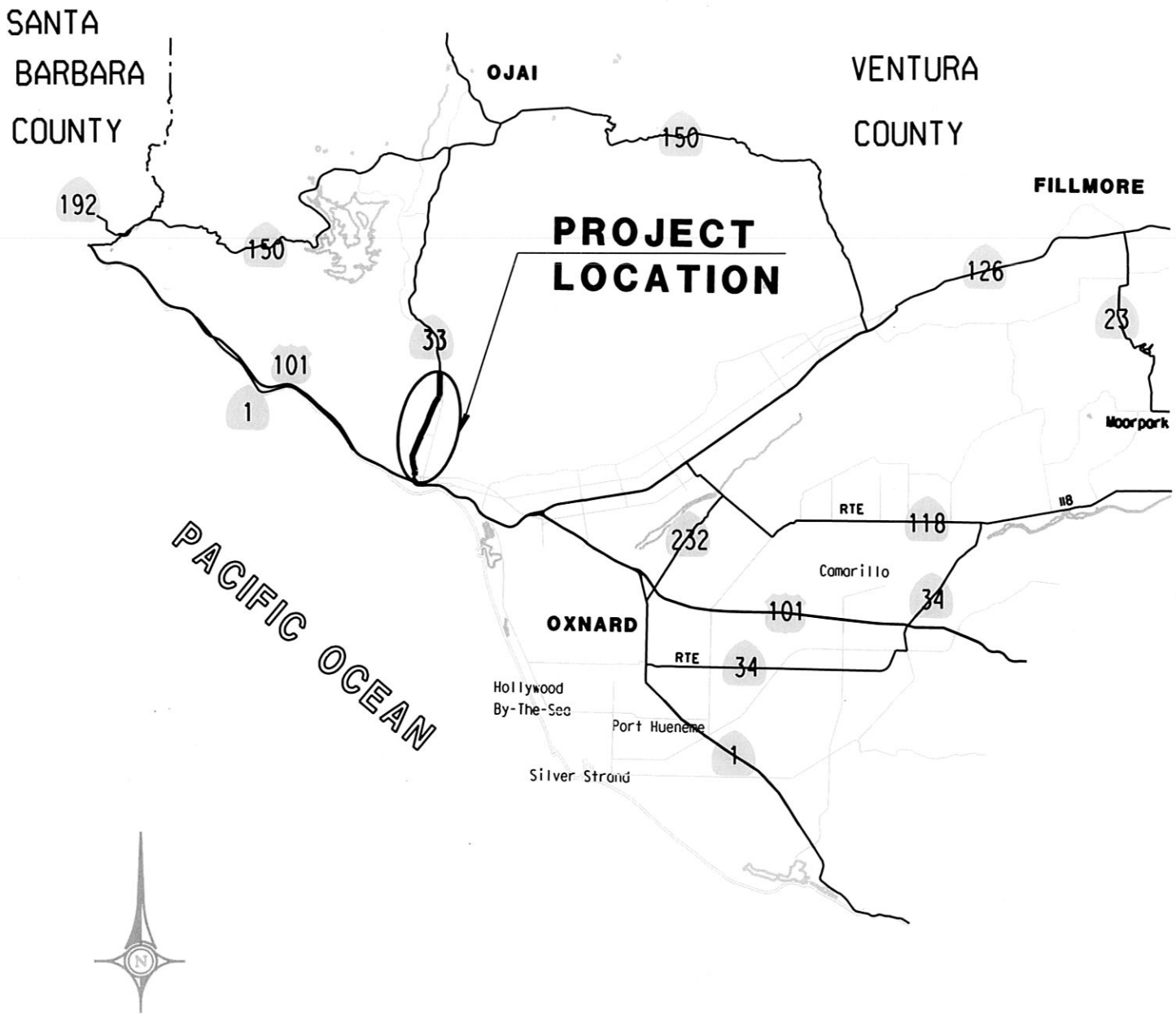
K. Performance Indicators

L. Air Quality and Conformity

M. Hazardous Waste

PROJECT LOCATION MAP

ATTACHMENT - A



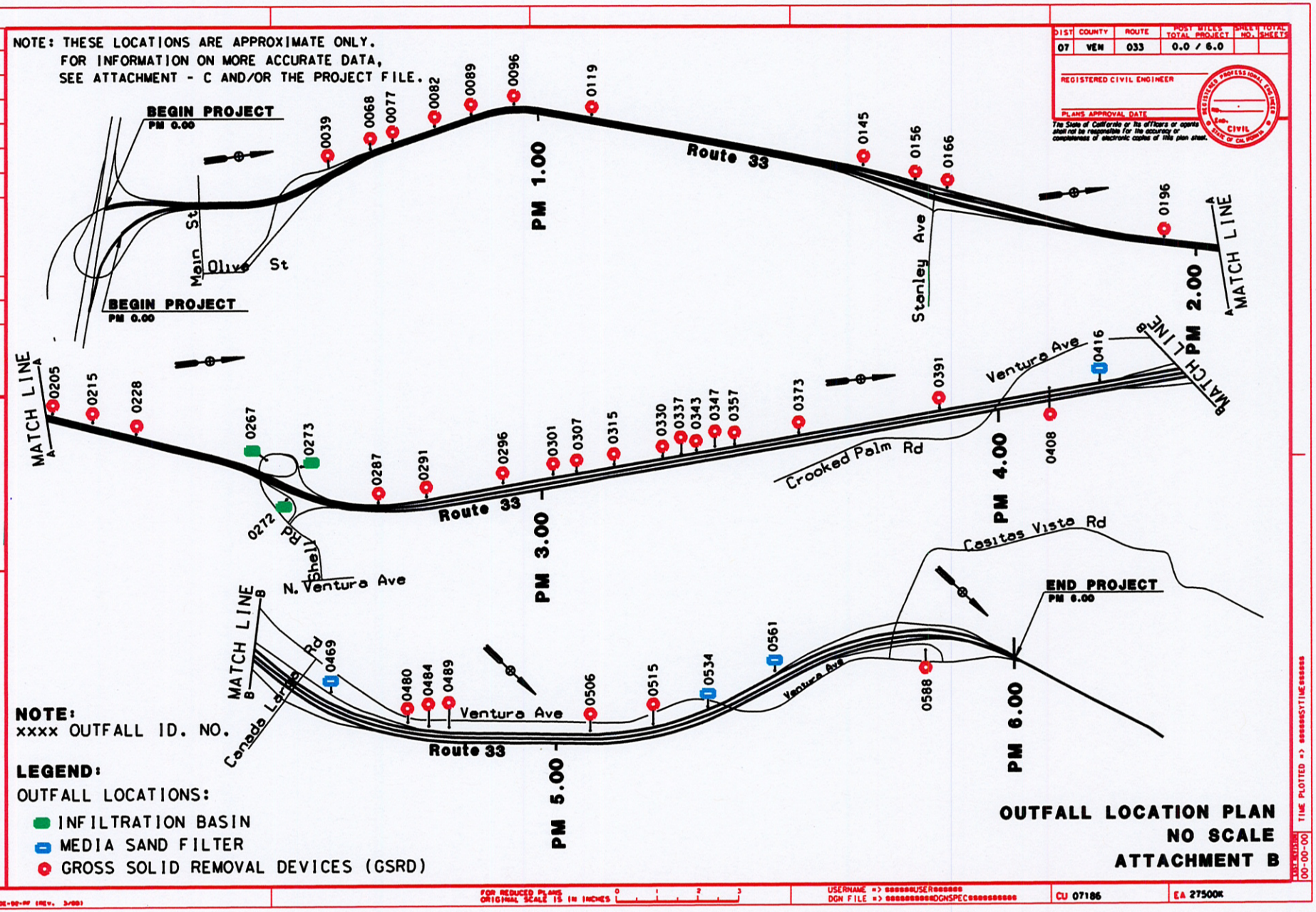
07-VEN-033 PM0.00/6.0
LOCATION MAP

NO SCALE

Attachment A

OUTFALL LOCATION PLAN

ATTACHMENT - B



NOTE:
xxxx OUTFALL ID. NO.

LEGEND:
OUTFALL LOCATIONS:
- INFILTRATION BASIN
- MEDIA SAND FILTER
- GROSS SOLID REMOVAL DEVICES (GSRD)

OUTFALL LOCATION PLAN
NO SCALE
ATTACHMENT B

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	VEN	033	0.0 / 6.0		

REGISTERED CIVIL ENGINEER
PLANS APPROVAL DATE
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.
REGISTERED PROFESSIONAL ENGINEER No. CIVIL STATE OF CALIFORNIA

PROJECT ENGINEER: DAVID OEN
PLANNING
CALCULATED/DESIGNED BY
CHECKED BY
DATE REVISED BY
DATE REVISED

USERNAME => sssssssUSERssssss
DGN FILE => sssssssssssDGNSPECssssssssss
CU 07186
EA 27500K
TIME PLOTTED => sssssssSYSTIMEssssss
00-00-00
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2 3
FORM DC-OE-02-MF (REV. 3/98)

OUTFALL DATA LIST

ATTACHMENT - C

Gross Solid Removal Devices

No.	Outfall I.D.	PM	KP	Dir.	Drainage Area (Acres)	Q_{25} (ft3/sec) (I_{25}:2.85)	GSRD Width: 11.5'
1	33-0039	0.39	0.63	SB	2.42	6.88	**LR-2**
2	33-0068	0.68	1.10	SB	1.96	5.59	**LR-2**
3	33-0077	0.77	1.24	SB	0.69	1.97	**LR-1**
4	33-0082	0.82	1.31	SB	0.63	1.80	**LR-1**
5	33-0089	0.89	1.43	SB	0.78	2.22	**LR-1**
6	33-0096	0.96	1.54	SB	1.62	4.62	**LR-2**
7	33-0119	1.19	1.92	SB	2.57	7.32	**LR-2**
8	33-0145	1.14	1.83	SB	1.96	5.59	**LR-2**
9	33-0156	1.56	2.51	SB	1.12	3.19	**LR-1**
10	33-0166	1.66	2.67	SB	2.18	6.21	**LR-2**
11	33-0196	1.96	3.15	SB	2.25	6.41	**LR-2**
12	33-0205	2.05	3.30	SB	1.01	2.88	**LR-1**
13	33-0215	2.15	3.46	SB	1.03	2.94	**LR-1**
14	33-0228	2.28	3.67	SB	2.93	8.35	**LR-2**
15	33-0287	2.87	4.62	SB	1.36	3.88	**LR-1**
16	33-0291	2.91	4.68	SB	0.69	1.97	**LR-1**
17	33-0296	2.96	4.76	SB	0.37	1.05	**LR-1**
18	33-0301	3.01	4.84	SB	0.58	1.65	**LR-1**
19	33-0307	3.07	4.94	SB	0.99	2.82	**LR-1**
20	33-0315	3.15	5.07	SB	1.11	3.16	**LR-1**
21	33-0330	3.30	5.31	SB	1.03	2.94	**LR-1**
22	33-0337	3.37	5.42	SB	0.84	2.39	**LR-1**
23	33-0343	3.43	5.52	SB	0.47	1.34	**LR-1**
24	33-0347	3.47	5.58	SB	0.41	1.17	**LR-1**
25	33-0357	3.57	5.75	SB	1.70	4.85	**LR-2**
26	33-0373	3.73	6.00	SB	2.62	7.47	**LR-2**
27	33-0391	3.91	6.29	SB	1.24	3.53	**LR-1**
28	33-0408	4.08	6.57	SB	1.24	3.53	**LR-1**
29	33-0480	4.80	7.72	SB	0.75	2.14	**LR-1**
30	33-0484	4.84	7.79	SB	0.51	1.45	**LR-1**
31	33-0489	4.89	7.87	SB	1.22	3.48	**LR-1**
32	33-0506	5.06	8.14	SB	1.41	4.02	**LR-1**
33	33-0515	5.15	8.29	SB	1.36	3.88	**LR-1**
34	33-0588	5.88	9.46	NB (On-Ramp)	1.26	3.59	**LR-1**

Infiltration Basin Filters

No.	Outfall I.D.	PM	KP	Dir.	Drainage Area (Acres)	WQV (ft^3)	Infiltration Basin Top Radius (ft) H: 4.0'
1	33-0267	2.67	4.30	SB (RAMP)	1.57	4,274	**61**
2	33-0272	2.72	4.38	NB (Ramp)	1.57	4,274	**61**
3	33-0273	2.73	4.39	SB (RAMP	1.57	4,274	**61**

Media Sand Filters

No.	Outfall I.D.	PM	KP	Dir.	Drainage Area (Acres)	WQV (ft^3)	Filter AVSF Type
1	33-0416	4.16	6.69	SB	3.38	9,202	**S-10000-3**
2	33-0469	4.69	7.55	SB	3.18	8,658	**S-10000-3**
3	33-0534	5.34	8.59	SB	2.42	6,588	**S-5000-6**
4	33-0561	5.61	9.03	SB	2.07	5,636	**S-5000-4.5**

PROJECT SCHEDULE

ATTACHMENT - D

WBS Code	Activity Description	% Comp	Orig Dur	Rem Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float
0.100	PROJ MGMT	10	2,198*	1,371*	03/16/06A	03/16/15	03/16/06A	03/16/15	0
0.100.05	PROJ MGMT - PID CMPNT	20	846*	19*	03/16/06A	09/01/09	03/16/06A	09/01/09	0
0.100.10	PROJ MGMT - PA&ED CMPNT	0	242*	242*	09/02/09	10/01/10	12/09/09	10/01/10	0
0.100.15	PROJ MGMT - PS&E CMPNT	0	830*	830*	10/04/10	01/30/14	02/22/13	01/30/14	0
0.100.20	PROJ MGMT - CONST CMPNT	0	260*	260*	03/03/14	03/16/15	03/03/14	03/16/15	0
0.100.25	PROJ MGMT - R/W CMPNT	0	1,110*	1,110*	10/04/10	03/16/15	02/22/13	03/16/15	0
1.150	DEVELOP PID	20	751	19	03/16/06A	09/01/09	03/16/06A	09/01/09	0
2.160	PERF PREL ENGRG STUDIES &	0	100*	100*	09/02/09	02/23/10	12/09/09	05/26/10	56
2.160.05	UPDD PROJ INFO	0	40	40	09/02/09	11/05/09	12/09/09	02/16/10	56
2.160.10	ENGRG STUDIES	0	80	80	09/22/09	02/03/10	12/28/09	05/10/10	56
2.160.15	DRAFT PR	0	50	50	11/30/09	02/23/10	03/04/10	05/26/10	56
2.160.20	ENGRG & LAND NET SRVYS	0	75	75	09/02/09	01/11/10	12/09/09	04/15/10	56
2.160.30	ESR	0	1	1	09/02/09	09/02/09	05/26/10	05/26/10	155
2.160.40	NEPA DLGN	0	1	1	09/02/09	09/02/09	02/16/10	02/16/10	95
2.165	PERF ENV STUDIES & PREP	0	80*	80*	09/02/09	01/20/10	01/13/10	05/26/10	76
2.165.05	ENV SCPG OF ALTS IFS IN PID	0	20	20	09/02/09	10/06/09	01/13/10	02/16/10	76
2.165.10	GENL ENV STUDIES	0	20	20	09/02/09	10/06/09	01/13/10	02/16/10	76
2.165.15	BIOL STUDIES	0	20	20	09/02/09	10/06/09	01/13/10	02/16/10	76
2.165.20	CLTRL RSRC STUDIES	0	20	20	09/02/09	10/06/09	01/13/10	02/16/10	76
2.165.25	DED	0	80	80	09/02/09	01/20/10	01/13/10	05/26/10	76
2.165.30	NEPA DLGN	0	1	1	09/02/09	09/02/09	02/16/10	02/16/10	95
2.170	PMTS AGRES & RAS DURING	0	26	26	08/03/09	09/15/09	02/06/15	03/16/15	1,345
2.175	CIRC DED & SLT PRFD PROJ	0	60*	60*	02/24/10	06/02/10	05/27/10	08/25/10	56
2.175.05	DED CIRCN	0	54	54	02/24/10	05/24/10	05/27/10	08/17/10	56
2.175.10	PUB HRG	0	54	54	02/24/10	05/24/10	05/27/10	08/17/10	56
2.175.15	PUB CMNT RESPS & CRNC	0	24	24	02/24/10	04/05/10	07/15/10	08/17/10	86
2.175.20	PROJ PRFD ALT	0	6	6	05/25/10	06/02/10	08/18/10	08/25/10	56
2.180	PREP & APV PR & FED	0	26*	26*	06/03/10	07/14/10	08/26/10	10/01/10	56
2.180.05	FPR	0	10	10	06/03/10	06/21/10	08/26/10	09/09/10	56
2.180.10	FED	0	10	10	06/03/10	06/21/10	08/26/10	09/09/10	56
2.180.15	CMPLTD ENV DOC	0	16	16	06/22/10	07/14/10	09/10/10	10/01/10	56
3.185	BASE MAPS & PLAN SHEETS	0	35*	35*	10/04/10	11/22/10	02/22/13	04/12/13	595
3.185.05	UPDD PROJ INFO	0	5	5	10/04/10	10/08/10	02/22/13	02/28/13	595
3.185.10	SRVYS & PHTGR MPG FOR	0	30	30	10/04/10	11/15/10	03/01/13	04/12/13	600
3.185.15	PREL DSN	0	30	30	10/11/10	11/22/10	03/01/13	04/12/13	595
3.185.20	ENGRG RPTS	0	30	30	10/11/10	11/22/10	03/01/13	04/12/13	595
3.185.25	R/W RQMTS DTRMTN	0	6	6	10/11/10	10/18/10	04/05/13	04/12/13	619
3.185.30	STRUC SITE PLANS	0	1	1	06/22/10	06/22/10	02/28/13	02/28/13	671
4.195	R/W PROP MGMT & EXCS	0	1	1	11/24/10	11/24/10	03/16/15	03/16/15	1,073
4.200	UTIL RELOCN	0	1	1	11/24/10	11/24/10	03/16/15	03/16/15	1,073
3.205	PMTS AGRES & RAS DURING	0	20	20	02/24/10	03/26/10	08/07/13	09/04/13	852
4.220	PERF R/W ENGRG	0	1	1	11/23/10	11/23/10	12/13/13	12/13/13	763
4.225	OBN R/W INTST FOR PROJ R/W	0	1	1	11/24/10	11/24/10	12/16/13	12/16/13	763
3.230	PREP DRAFT PS&E	0	70	70	11/23/10	03/08/11	04/15/13	07/23/13	595
3.235	MIT ENV IMPTS & CLEAN UP	0	20	20	11/23/10	12/22/10	08/07/13	09/04/13	675
3.240	DRAFT STRUCS PS&E	0	1	1	11/23/10	11/23/10	07/23/13	07/23/13	664
4.245	POST R/W CERTN WRK	0	20	20	11/29/10	12/27/10	02/17/15	03/16/15	1,053
3.250	PREP FNL STRUCS PS&E	0	1	1	11/24/10	11/24/10	09/04/13	09/04/13	693
3.255	CIRC RVW & PREP FNL DIST	0	30	30	03/09/11	04/20/11	07/24/13	09/04/13	595
3.260	CONTR BID DOCS RTL	0	80	80	04/21/11	08/12/11	09/05/13	12/31/13	595
3.265	AWDD & APVD CONST CONTR	0	20	20	01/02/14	01/30/14	01/02/14	01/30/14	0
5.270	CE & GCA	0	200*	200*	03/03/14	12/16/14	03/03/14	12/16/14	0

WBS Code	Activity Description	% Comp	Orig Dur	Rem Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float
5.270.10	CONST STAKING PCKG & CTRL	0	184	184	03/03/14	11/20/14	03/03/14	11/20/14	0
5.270.15	CONST STAKES	0	164	164	04/01/14	11/20/14	04/01/14	11/20/14	0
5.270.20	CE WRK	0	184	184	03/03/14	11/20/14	03/03/14	11/20/14	0
5.270.25	CONST CONTR ADMIN WRK	0	184	184	03/03/14	11/20/14	03/03/14	11/20/14	0
5.270.30	CONTR ITEM WRK INSPN	0	184	184	03/03/14	11/20/14	03/03/14	11/20/14	0
5.270.35	CONST MTL S&T	0	184	184	03/03/14	11/20/14	03/03/14	11/20/14	0
5.270.40	SAFETY & MTCE RVWS	0	10	10	11/21/14	12/08/14	11/21/14	12/08/14	0
5.270.45	RLF FROM MTCE PROCESS	0	1	1	12/09/14	12/09/14	12/09/14	12/09/14	0
5.270.55	FNL INSPN & ACPTC RCMDN	0	5	5	12/10/14	12/16/14	12/10/14	12/16/14	0
5.270.60	PLANT ESTABLISHMENT	0	80	80	08/21/14	12/16/14	08/21/14	12/16/14	0
5.270.65	TMP IMPLN DURING CONST	0	184	184	03/03/14	11/20/14	03/03/14	11/20/14	0
5.270.70	UPDD ECR	0	200	200	03/03/14	12/16/14	03/03/14	12/16/14	0
5.270.75	RSRC AGENCY PMT RNWL &	0	200	200	03/03/14	12/16/14	03/03/14	12/16/14	0
5.270.80	L-TRM ENV MITIGN/MNTG	0	40	40	03/03/14	04/28/14	10/17/14	12/16/14	160
5.275	CE & GCA OF STRUCS WRK	0	200	200	03/03/14	12/16/14	05/28/14	03/16/15	60
5.285	CCO ADMIN	0	260*	260*	03/03/14	03/16/15	03/03/14	03/16/15	0
5.290	RSLV CONTR CLAIMS	0	260*	260*	03/03/14	03/16/15	03/03/14	03/16/15	0
5.295	ACPT CONTR PREP FE & FR	0	60	60	12/17/14	03/16/15	12/17/14	03/16/15	0
4.300	PERF FNL R/W ENGRG ACTS	0	20	20	03/03/14	03/28/14	02/17/15	03/16/15	240
M000	ID NEED	100	0	0		01/08/07A		01/08/07A	
M010	APPROVE PID	0	0	0		09/01/09*		09/01/09*	0
M015	PROG PROJ	0	0	0		09/01/09		12/08/09	56
M020	BEGIN ENVIRO	0	0	0		09/01/09		01/12/10	76
M040	BEGIN PROJ	0	0	0		09/01/09		12/08/09	56
M060	CIRC DPR & DED	0	0	0		01/20/10		05/26/10	76
M100	APPROVE DPR	0	0	0		02/23/10		05/26/10	56
M160	APPROVE FED	0	0	0		06/02/10		08/25/10	56
M200	PA&ED	0	0	0		10/01/10*		10/01/10*	0
M221	BRIDGE SITE DATA ACCEPTED	0	0	0		07/31/09		12/13/13	1,060
M222	BEGIN BRIDGE	0	0	0		07/31/09		12/13/13	1,060
M224	R/W MAPS	0	0	0		11/22/10		12/12/13	763
M225	REGULAR R/W	0	0	0		11/23/10		12/13/13	763
M275	GENERAL PLANS	0	0	0		07/31/09		07/22/13	960
M300	CIRC PLANS IN DIST	0	0	0		03/08/11		07/23/13	595
M318	DESIGN SAFETY REVIEW	0	0	0		03/08/11		07/23/13	595
M328	CONSTRUCTABILITY REVIEW	0	0	0		03/08/11		07/23/13	595
M377	PS&E TO DOE	0	0	0		03/08/11		07/23/13	595
M378	DRAFT STRUC PS&E	0	0	0		11/23/10		07/23/13	664
M380	PROJ PS&E	0	0	0		04/20/11		09/04/13	595
M410	R/W CERT	0	0	0		11/24/10		12/16/13	763
M460	RTL	0	0	0		12/31/13*		12/31/13*	0
M480	HQ ADVERT	0	0	0		12/31/13		12/31/13	0
M495	AWARD	0	0	0		02/13/14		02/13/14	0
M500	APPROVE CONTRACT	0	0	0		02/28/14		02/28/14	0
M588	FINAL SAFETY REVIEW	0	0	0		07/31/09		12/16/14	1,311
M600	CONTRACT ACCEPT	0	0	0		12/16/14		12/16/14	0
M700	FINAL REPORT	0	0	0		03/16/15		03/16/15	0
M800	END PROJ	0	0	0		03/16/15		03/16/15	0

COST ESTIMATE

ATTACHMENT - E

PROJECT SCOPE SUMMARY REPORT
COST ESTIMATE

DIST-CO-RTE 07-VEN-033
PM 0.0/6.0

EA 27500K
Program Code: 20.20.201.335

Project Description:

Limits: On VEN-033, From VEN 101 To Casitas Vista Rd

Proposed Improvement (Scope): Installing Treatment BMPs Devices at Outfall Locations within Project Limit.

TOTAL ROADWAY ITEMS (including 10% TRO)	$	25,850,000
TOTAL STRUCTURE ITEMS	$	
SUBTOTAL CONSTRUCTION COSTS	$	25,900,000
RIGHT OF WAY ITEMS	$	340,000
TOTAL PROJECT CAPITAL OUTLAY COSTS	$	26,240,000
USE (incl 10% TRO)		**$26.3 million**

Program Manager Jai Paul Thakur 213-897-7546 Phone No.

Project Manager Ojas Sheth 213-897-8595 Phone No.

DIST-CO-RTE 07-VEN-033
PM 0.0/6.0

EA 27500K

I. ROADWAY ITEMS

Section 1 Earthwork	Quantity	Unit	Unit Price	Item Cost	Section Cost
Roadway Excavation	625,000	CF	$2.00	$1,250,000	
Structure Backfill	125,000	CF	$3.00	$375,000	
Imported Borrow					
Clearing & Grubbing	1	LS	$50,000	$50,000	

Subtotal of Earthwork Items $1,675,000

Section 2 Pavement Structure	Quantity	Unit	Unit Price	Item Cost	Section Cost
JPCP Pavement (1.0 ft depth)					
Lean Concrete Base					
Asphalt Concrete					
Cement-Treated Base					
Aggregate Base, Class 3					
Aggregate Subbase					
Edge Drains					
Maintenance Access					

Subtotal Pavement Structural Section _____

Section 3 Drainage Items	Quantity	Unit	Unit Price	Item Cost	Section Cost
Infiltration Device	3	EA.	$425,000	$1,275,000	
Media Filter Device	4	EA.	$625,000	$2,500,000	
Gross Solid Removal Devices (GSRDs):	34	EA.	$200,000	$6,800,000	
Drainage Modification	41	EA.	$50,000	$2,050,000	

Subtotal Drainage Section $12,625,000

DIST-CO-RTE 07-VEN-033
PM 0.0/6.0

EA 27500K

Section 4 Specialty Items	Quantity	Unit	Unit Price	Item Cost	Section Cost
Retaining Walls					
Noise Barriers					
Metal Beam Guardrail	740	ft	$55.00	$40,700	
Equipment/Animal Passes					
Highway Planting	1	LS		$180,000	
Replacement Planting					
Irrigation	1	LS		$50,000	
Relocate Private Irrigation Facilities					
Erosion Control	1	LS		$50,000	
Slope Protection	1	LS		$70,000	
Design Polution Prevention Plan	1	LS		$47,000	
Hazardous Waste Mitigation Work	1	LS	$500,000	$500,000	
Environmental Mitigation	1	LS		$50,000	
SWPPP Plan Preparation and WPC	1	LS		$300,000	
Resident Engineer Office	1	LS		$210,000	
				Subtotal Specialty Items	$1,498,000

Section 5 Traffic Items	Quantity	Unit	Unit Price	Item Cost	Section Cost
ITS (Install com conduits)					
Traffic Delineation Items					
Traffic Signals					
Overhead Sign (Retro-Relective)					
Ground Mounted Signs					
Traffic Control System	1	LS	$300,000	$300,000	
Traffic Management Plan	1	LS	$40,000	$40,000	
COZEEP					
Construction Area Signs					
Temporary Crash Cushions	20	Set	$3,750	$75,000	
Temporary Railing Type K	5,000	FT	$10.00	$50,000	
				Subtotal Traffic Items	$465,000

SUBTOTAL SECTIONS 1-5 $16,270,000

DIST-CO-RTE 07-VEN-033
PM 0.0/6.0

EA 27500K

Section 6 Minor Items

$16,270,000 Subtotal Sections 1-5	X	5.00% (x%)	$814,000	
			TOTAL MINOR ITEMS	$820,000
			SUBTOTAL SECTIONS 1-6	$17,090,000

Section 7 Roadway Mobilization

$17,090,000 Subtotal Sections 1-6	X	10.00% (x%)	$1,709,000	
			TOTAL ROADWAY MOBILIZATION	$1,710,000
			SUBTOTAL SECTIONS 1-7	$18,800,000

Section 8 Roadway Additions

Supplemental				
$18,800,000 Subtotal Sections 1-7	X	5.00% (x%)	$940,000	
Contingencies				
$18,800,000 Subtotal Sections 1-7	X	20.00% (x%)	$3,760,000	
			TOTAL ROADWAY ADDITIONS	$4,700,000

TOTAL ROADWAY ITEMS (Total of sections 1-8)	$23,500,000
TOTAL ROADWAY ITEMS + 10% TRO	**$25,850,000**

Estimate Prepared By: Lac Tran (Print Name) Phone # 7-5426 Date: 4/21/09

Estimate Checked By: David Oen (Print Name) Phone # 7-5995 Date: 4/21/09

DIST-CO-RTE 07-VEN-033
PM 0.0/6.0

EA 27500K

II. STRUCTURES ITEMS

	STRUCTURE			
Bridge Name				
Structure Type				
Width (Replacement) - (ft)				
Widening Width - (ft)				
Span Lengths - (ft)				
Total Area - (ft^2)				
Footing Type (Pile/Spread)				
Cost Per ft^2				
(include 10% mobilization				
and 20% contingency)				
Total Cost for Structure				
Removal Cost				
Remove Approach/Departure Slabs				
Approach/Departure Slabs				
Joint Seal				

Railroad Related Costs

SUBTOTAL STRUCTURES ITEMS _____

SUBTOTAL RAILROAD ITEMS _____

TOTAL STRUCTURES ITEMS _____

USE _____

Estimate Prepared By (If appropriate, attach additional pages and backup)

Lac Tran (Print Name) | 7-5426 (Phone #) | Date: 4/21/09

DIST-CO-RTE 07-VEN-033
PM 0.0/6.0

EA 27500K

III. RIGHT OF WAY

	Current Values	Escalated Values*
A. R/W Acquisition		
B. Utility Relocation (State Share)	$180,000	$ 339,327
C. RAP (cont rate.)		
D. Clearance/Demolition		
E. Title and Escrow Fees		
TOTAL ESTIMATE COST	$180,000	$339,327

Anticipated Date of Right of Way Certificaiton XXX
(Date to which Values are escalated)

F. Construction Contract Work

Right of Way Branch Cost Estimate for Work
(This dollar amoutn is to be included in the Roadway and/or Structures Items of Work, as appropriate. Do not include in Rigth of Way Items.)

COMMENTS:

Estimate Prepared By Lac Tran 7-5426 Date: 4/21/09
(If appropriate, attach additional pages and backup) Print Name Phone # Date

SCHEMATIC DIAGRAMS & PHOTOS OF TREATMENT BMPs

ATTACHMENT - F

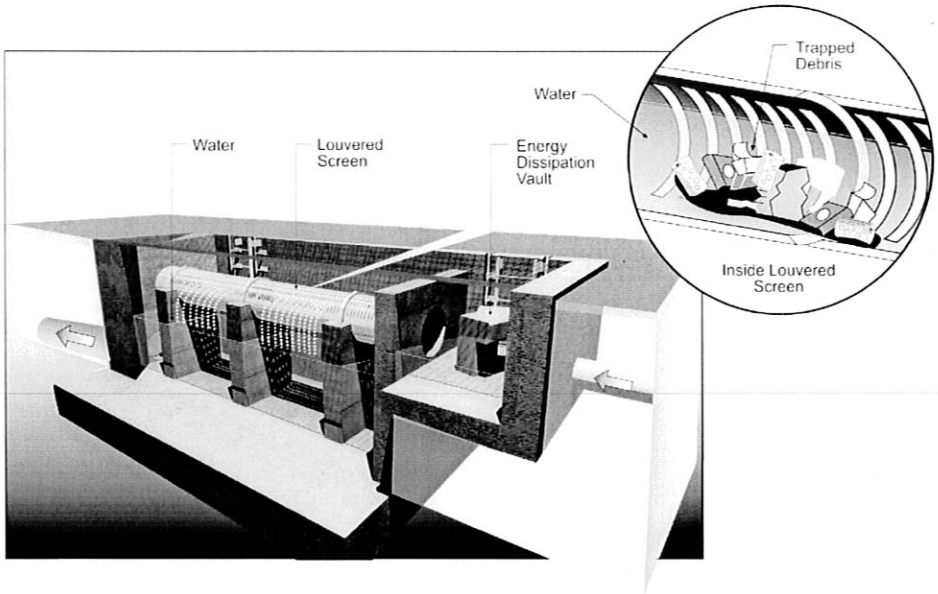
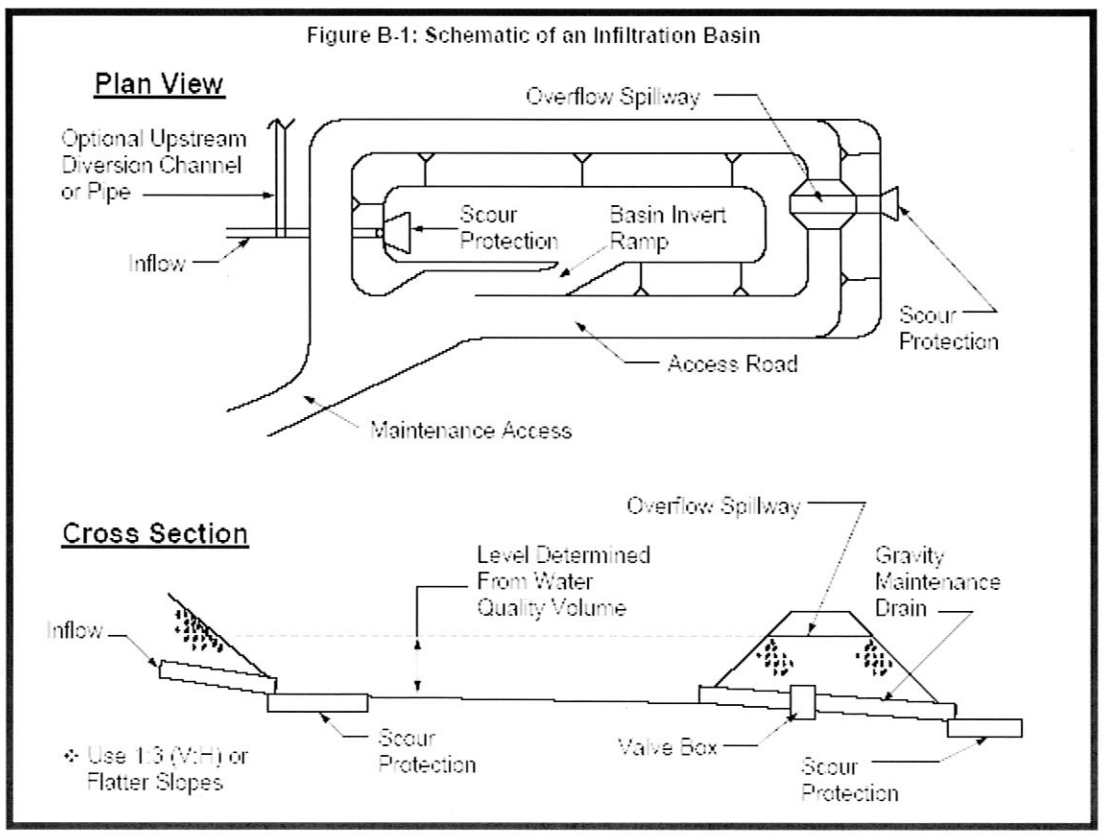
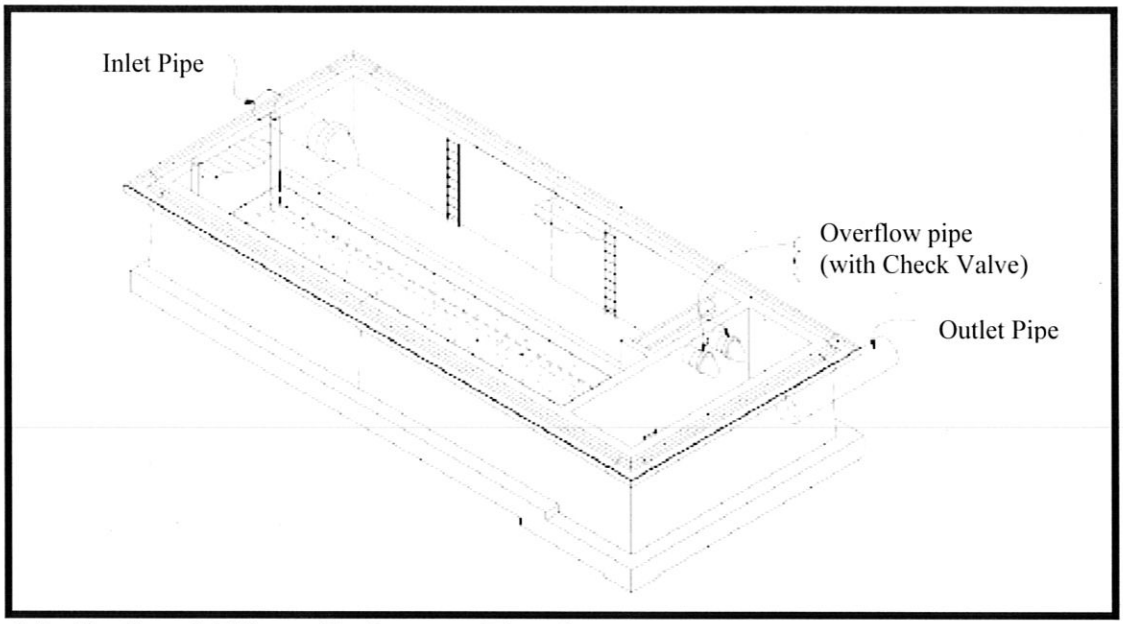


Figure 1. Linear Radial

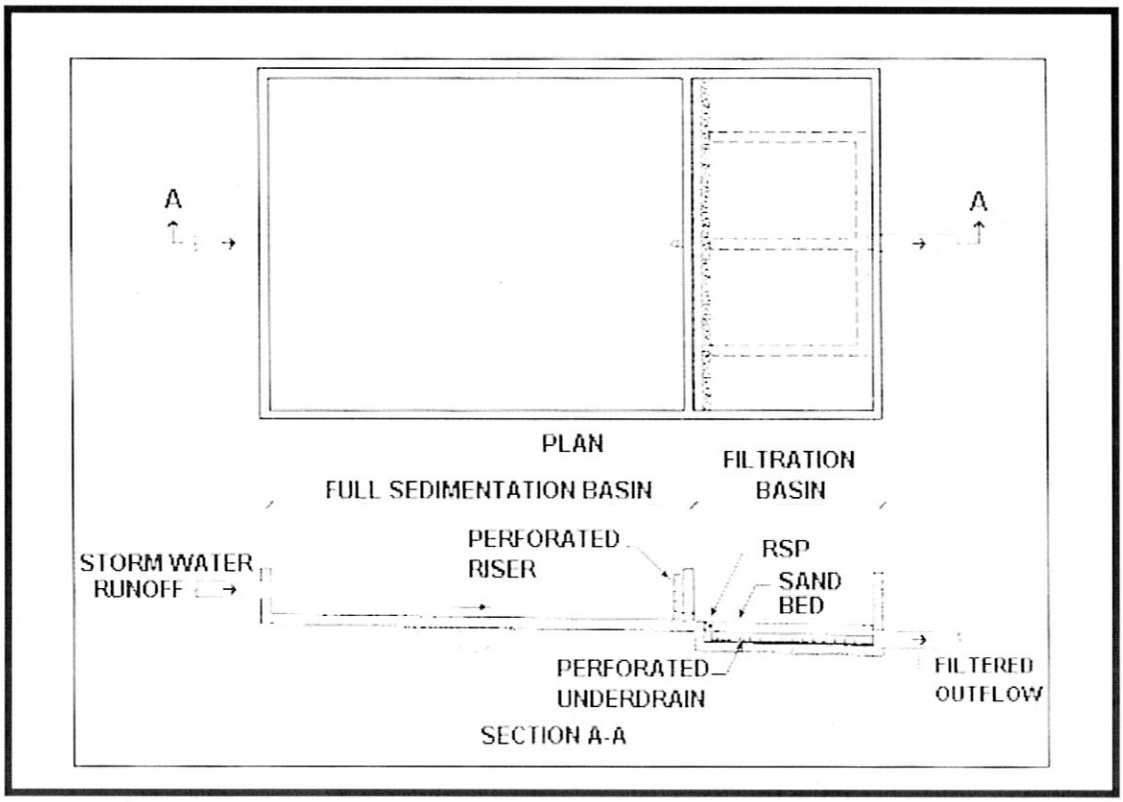
Gross Solid Removal Devices (GSRD)



Infiltration Basin



Media Sand Filter (Delaware Type)



Media Sand Filter (Austin Type)

ENVIRONMENTAL CLEARANCE

ATTACHMENT - G

CATEGORICAL EXEMPTION/ CATEGORICAL EXCLUSION DETERMINATION FORM

07-VEN-SR33	0.0/6.0	27500K	CE # 200901013
Dist.-Co.-Rte. (or Local Agency)	P.M/P.M.	E.A. (State project)	Federal-Aid Project No. (Local project)/ Proj. No.

PROJECT DESCRIPTION:

(Briefly describe project, purpose, location, limits, right-of-way requirements, and activities involved.)

The proposed project is located in Ventura County, on State Route 33, from PM 0.0 to 6.0 between U.S. 101 in Ventura, to just beyond Casitas Vista Road. The project proposes to install 41 storm drain outfall filtration devices to adhere to the water quality standards for trash and other pollutants in the Ventura River and its tributaries. The installation of the storm drain filtration devices, known as Best Management Practices (BMPs), would include Gross Solid Removal Devices (GSRDs), media filters, and infiltration basins to comply with Total Maximum Daily Load (TMDL) requirements. The PSSR is scheduled to be approved by September 1, 2009 for the 2010 SHOPP.

CEQA COMPLIANCE *(for State Projects only)*

Based on an examination of this proposal, supporting information, and the following statements (See 14 CCR 15300 et seq.):

- If this project falls within exempt class 3, 4, 5, 6 or 11, it does not impact an environmental resource of hazardous or critical concern where designated, precisely mapped and officially adopted pursuant to law.
- There will not be a significant cumulative effect by this project and successive projects of the same type in the same place, over time.
- There is not a reasonable possibility that the project will have a significant effect on the environment due to unusual circumstances.
- This project does not damage a scenic resource within an officially designated state scenic highway.
- This project is not located on a site included on any list compiled pursuant to Govt. Code § 65962.5 ("Cortese List").
- This project does not cause a substantial adverse change in the significance of a historical resource.

CALTRANS CEQA DETERMINATION

☐ **Exempt by Statute.** (PRC 21080[b]; 14 CCR 15260 et seq.)

Based on an examination of this proposal, supporting information, and the above statements, the project is:

☒ **Categorically Exempt. Class** _3_. (PRC 21084; 14 CCR 15300 et seq.)

☐ **Categorically Exempt. General Rule exemption.** [This project does not fall within an exempt class, but it can be seen with certainty that there is no possibility that the activity may have a significant effect on the environment (CCR 15061[b][3])

Carlos Montez		Ojas Sheth	
Print Name: Environmental Branch Chief		Print Name: Project Manager/DLA Engineer	
Signature	Date 2/3/09	Signature	Date 2/3/09

NEPA COMPLIANCE

In accordance with 23 CFR 771.117, and based on an examination of this proposal and supporting information, the State has determined that this project:

- does not individually or cumulatively have a significant impact on the environment as defined by NEPA and is excluded from the requirements to prepare an Environmental Assessment (EA) or Environmental Impact Statement (EIS), and
- has considered unusual circumstances pursuant to 23 CFR 771.117(b) (http://www.fhwa.dot.gov/hep/23cfr771.htm - sec.771.117).

In non-attainment or maintenance areas for Federal air quality standards, the project is either exempt from all conformity requirements, or conformity analysis has been completed pursuant to 42 USC 7506(c) and 40 CFR 93.

CALTRANS NEPA DETERMINATION

☒ **Section 6004:** The State has been assigned, and hereby certifies that it has carried out, the responsibility to make this determination pursuant to Chapter 3 of Title 23, United States Code, Section 326 and a Memorandum of Understanding (MOU) dated June 7, 2007, executed between the FHWA and the State. The State has determined that the project is a Categorical Exclusion under:

- 23 CFR 771.117(c): activity (c)(___)
- 23 CFR 771.117(d): activity (d)(___)
- Activity _1_ listed in the MOU between FHWA and the State

☐ **Section 6005:** Based on an examination of this proposal and supporting information, the State has determined that the project is a CE under Section 6005 of 23 U.S.C. 327.

Carlos Montez		Ojas Sheth	
Print Name: Environmental Branch Chief		Print Name: Project Manager/DLA Engineer	
Signature	Date 2/3/09	Signature	Date 2/3/09

Briefly list environmental commitments on continuation sheet. Reference additional information, as appropriate (e.g., air quality studies, documentation of conformity exemption, FHWA conformity determination if Section 6005 project; §106 commitments; §4(f); §7 results; Wetlands Finding; Floodplain Finding; additional studies; and design conditions). **Revised September 15, 2008**

Special Provisions

Biological:
All appropriate storm water and erosion Best Management Practices (BMPs) will be incorporated into the project specifications and all pollution and litter laws will be followed by the contractor and state employees. If the project scope should change for any reason, the project biologist will be notified to determine whether the current environmental documentation is adequate.

Should vegetation need to be removed during the bird nesting season, February 15th through September 1st, the district biologist will be notified two weeks prior to removal to determine if birds are nesting. In the event that nesting birds are observed, removal will not be conducted until it is determined that the fledglings have left the nest. If this is not possible, then coordination with the district biologist should take place in order to minimize the risk of violating the Migratory Bird Treaty Act, which requires a buffer of 150 feet for songbirds and 500 feet for raptors be maintained during all phases of construction.

No oak species will be removed or trimmed as a result of this project. If trimming oaks must occur, it will be done according to ISA and ANZI standards by a certified arborist. If any oaks are removed as a result of this project they will be mitigated at a ratio that is in accordance with the Ventura County Oaks Preservation Ordinance and the California Department of Transportation.

Cultural Resources:
Should the project description or APE be altered, additional cultural resource studies or evaluations will be required.

If human remains are exposed during construction, State Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made the necessary findings as to origin and disposition, pursuant to Public Resources Code 5097.98.

Hazardous Waste:
During the PS&E phase, a site investigation is recommended to determine ADL and potential petroleum contamination. In general, the top two feet of soil in the unpaved area adjacent to the roadway is expected to contain high concentrations of ADL contaminant. Should the soil be reused on site, it can be placed under one foot of non- hazardous soil and at least five feet above the maximum ground water level in accordance with the Lead Variance from the Department of Toxic Substances Control (DTSC). If it is not reusable within the state right-of-way, this soil must be hauled off to and disposed of at a Class I facility as California hazardous waste. The contractor will be required to prepare a project-specific Lead Compliance Plan (LCP) in accordance with the special provisions to prevent or minimize workers' exposure to lead in the soil. If any changes are made to the scope of the project, the district hazardous waste unit must be notified.

Landscape Architecture:
At locations where the storm drain outfall filtration devices are visible from the roadway or local streets, native vegetation and/or stain color/textured concrete are recommended. Revegetation of the new slopes and all disturbed areas will be required following construction to minimize erosion and storm water pollution.

Categorical Exclusion Checklist

District/Co/Route/P.M. 07-VEN-SR33- PM 0.0/6.0 Fed. Aid No. _____ EA:27500K

1. **Project is a CE under Section 6004 of 23 U.S.C. 326.** Yes ☒ No ☐ ***If "yes", check applicable activity below.***

Activity Listed in 23 CFR 771.117(c)			
☐ 1	Activities which do not involve or lead directly to construction	☐ 11	Determination of payback under 23 CFR part 480 for property previously acquired with Federal-aid participation
☐ 2	Utility installations along or across a transportation facility	☐ 12	Improvements to existing rest areas and truck weigh stations.
☐ 3	Bicycle and pedestrian lanes, paths, and facilities	☐ 13	Ridesharing activities
☐ 4	Activities included in the State's *highway safety plan* under 23 U.S.C. 402	☐ 14	Bus and rail car rehabilitation
☐ 5	Transfer of Federal lands pursuant to 23 U.S.C. 317 when the subsequent action is not an FHWA action	☐ 15	Alterations to facilities or vehicles in order to make them accessible for elderly and handicapped persons
☐ 6	Installation of noise barriers or alterations to existing publicly owned buildings to provide for noise reduction	☐ 16	Program administration, technical assistance activities, and operating assistance to transit authorities to continue existing service or increase service to meet routine changes in demand
☐ 7	Landscaping	☐ 17	Purchase of vehicles by the applicant where the use of these vehicles can be accommodated by existing facilities or by new facilities which themselves are within a CE
☐ 8	Installation of fencing, signs, pavement markings, small passenger shelters, traffic signals, and railroad warning devices where no substantial land acquisition or traffic disruption will occur	☐ 18	Track and railbed maintenance and improvements when carried out within the existing right-of-way
☐ 9	Emergency repairs under 23 U.S.C. 125	☐ 19	Purchase and installation of operating or maintenance equipment to be located within the transit facility and with no significant impacts off the site
☐ 10	Acquisition of scenic easements	☐ 20	Promulgation of rules, regulations, and directives

Activity Listed in Examples in 23 CFR 771.117(d)			
☐ 1	Modernization of a highway by resurfacing, restoration, rehabilitation, reconstruction, adding shoulders, or adding auxiliary lanes (e.g., parking, weaving, turning, climbing).	☐ 7	Approvals for changes in access control.
☐ 2	Highway safety or traffic operations improvement projects including the installation of ramp metering control devices and lighting.	☐ 8	Construction of new bus storage and maintenance facilities in areas used predominantly for industrial or transportation purposes, not inconsistent with existing zoning and located on or near a street with adequate capacity to handle anticipated bus and support vehicle traffic.
☐ 3	Bridge rehabilitation, reconstruction or replacement or the construction of grade separation to replace existing at-grade railroad crossings.	☐ 9	Rehabilitation or reconstruction of existing rail and bus buildings and ancillary facilities where only minor amounts of additional land are required and there is not a substantial increase in the number of users.
☐ 4	Transportation corridor fringe parking facilities.	☐ 10	Construction of bus transfer facilities when located in a commercial area or other high activity center in which there is adequate street capacity for projected bus traffic.
☐ 5	Construction of new truck weigh stations or rest areas.	☐ 11	Construction of rail storage and maintenance facilities in areas used predominantly for industrial or transportation purposes where such construction is not inconsistent with existing zoning and where there is no significant noise impact on the surrounding community.
☐ 6	Approvals for disposal of excess right-of-way or for joint or limited use of right-of-way, where the proposed use does not have significant adverse impacts.	☐ 12	Acquisition of land for hardship or protective purposes; advance land acquisition loans under section 3(b) of the UMT Act.

Activity Listed in Appendix A of the MOU for State Assumption of Responsibilities for Categorical Exclusions			
☒ 1	Construction, modification, or repair of storm water treatment devices, protection measures such as slope stabilization, and other erosion control measures	☐ 5	Routine seismic retrofit of facilities to meet current seismic standards and public health and safety standards without expansion of capacity.
☐ 2	Replacement, modification, or repair of culverts or other drainage facilities.	☐ 6	Air space leases that are subject to Subpart D, Part 710, Title 23, Code of Federal Regulations.
☐ 3	Projects undertaken to assure the creation, maintenance, restoration, enhancement, or protection of habitat for fish, plants, or wildlife.	☐ 7	Drilling of test bores/soil sampling to provide information for preliminary design and for environmental analyses and permitting purposes.
☐ 4	Routine repair of facilities due to storm damage, including permanent repair to return the facility to operational condition that meets current standards of design and public health and safety without expanding capacity (e.g., slide repairs, construction or repair of retaining walls).		

2. **Project is a CE for a highway project under Section 6005 of 23 U.S.C. 327.** Yes ☐ No ☐ *(Use only if project does not qualify under Section 6004.)*

3. **Unusual Circumstances (23 CFR 771.117(b)). Project does not include any:**

☒	Significant environmental impacts;
☒	Substantial controversy on environmental grounds;
☒	Significant impact on properties protected by section 4(f) of the DOT Act or section 106 of the National Historic Preservation Act; or
☒	Inconsistencies with any Federal, State, or local law, requirement or administrative determination relating to the environmental aspects of the action

4. **Air Quality.** (SER Chapter 38)

A. **Air Quality Checklist is complete and project meets all applicable air quality requirements.** ☒
Identify who completed the Air Quality Checklist and the date it was completed.

Natalie Hill
02/02/09

B. **Project is exempt from regional air quality conformity.** (40 CFR 93.127, Table 3) Yes ☐ No ☐
If "no", list the current RTP and RTIP including dates and page numbers that contain the project.

C. **For Section 6005 CE, FHWA determination of air quality conformity is complete.** ☐
Provide name of FHWA contact and date of determination letter here:

Attach FHWA conformity determination letter.

5. **Project complies with all other federal environmental laws, regulations, and executive orders on the PES form.**

Environmental Statutory or Regulatory Compliance	Does Project Trigger Statute or Regulation?	Date and type of Technical Study or Memo to File or Field Survey	Outcome of Agency Coordination (Concurrence Type and Date)	Notes, Documentation Reference &/or Explanation
Historic Preservation (Section 106)	Yes ☐ No ☒	Screening memo 12/11/08	Exempt 12/11/08	Special Provisions
Executive Order on Floodplains	Yes ☐ No ☒			
Wetland Protection	Yes ☐ No ☒			
Coastal Zone	Yes ☐ No ☒			
Wild and Scenic Rivers	Yes ☐ No ☒			
Farmland Protection	Yes ☐ No ☒			
Noise (23 CFR 772)	Yes ☐ No ☒			
Hazardous Waste/Material	Yes ☐ No ☒	Hazardous Waste Assessment 12/30//08		Special Provisions
Environmental Justice	Yes ☐ No ☒			
Project-Level Air Quality (CO, PM Hotspot and MSAT)	Yes ☐ No ☒			
Water Quality	Yes ☐ No ☒			
Relocation	Yes ☐ No ☒			
Land Use	Yes ☐ No ☒			
Other (i.e., Visual)	Yes ☐ No ☒	SRE/VIA 01/09/09		Special Provisions

Continued on next page

5. **Project complies with all other federal environmental laws, regulations, and executive orders.** *(Continued)*

Environmental Statutory or Regulatory Compliance	Does Project Trigger Statute or Regulation?	Date and type of Technical Study or Memo to File or Field Survey	Outcome of Agency Coordination (Concurrence Type and Date)	Notes, Documentation Reference &/or Explanation
Section 4(f) (23 CFR 774) ☐ De minimis ☐ Programmatic _____*(type)* ☐ Individual. Legal sufficiency complete: Yes ☐ No ☐	Yes ☐ No ☒			
Section 6(f) ☐ De minimis ☐ Programmatic _____*(type)* ☐ Individual. Legal sufficiency complete: Yes ☐ No ☐	Yes ☐ No ☒			
Endangered Species (Section 7 FESA) Effect Determination: ☐ No effect ☐ Not likely to adversely affect ☐ Likely to adversely affect	Yes ☐ No ☒			
Essential Fish Habitat (Magnuson-Stevens Act) Effect Determination: ☐ Adverse affect ☐ No adverse affect	Yes ☐ No ☒			

Based on all of the above, the project is determined to be a categorical exclusion pursuant to the National Environmental Policy Act and all other applicable federal environmental laws, regulations and executive orders have been complied with.

Prepared by: Natalie Hill Date 02/02/09

Signature: Natalie Hill

CE Checklist: Air Quality Conformity Questions

Step 1. Is the project located in a nonattainment or maintenance area for ozone, nitrogen dioxide, carbon monoxide (CO), PM2.5, or PM10 per http://www.epa.gov/oar/oaqps/greenbk/?

☒ If no, go to Step 14. **Transportation conformity does not apply to the project.**

☐ If yes, go to Step 2.

Step 2. Is the project exempt from conformity per 40 CFR 93.126 or 40 CFR 93.128?

☐ If yes, go to Step 14. **The project is exempt from all project-level conformity requirements (40 CFR 93.126 or 128).** (check one box below and identify the project type, if applicable).

- ☐ 40 CFR 93.126 Project type:
- ☐ 40 CRF 93.128

☐ If no, **go** to Step 3.

Step 3. Is the project exempt from regional conformity per 40 CFR 93.127?

☐ If yes, go to Step 8. **The project is exempt from regional conformity requirements (40 CFR 93.127)** (identify the project type). Project type:

☐ If no, go to Step 4.

Step 4. Is the project located in a region with a currently conforming RTP and TIP?

☐ If yes, **the project is included in a currently conforming RTP and TIP per 40 CFR 93.115. The project's design and scope have not changed significantly from what was assumed in RTP conformity analysis (40 CFR 93.115[b])** Go to Step 8.

☐ If no and the project is located in an isolated rural area, go to Step 5.

☐ If no and the project is not located in an isolated rural area, STOP and do not proceed until a conforming RTP and TIP are adopted.

Step 5. For isolated rural areas, is the project regionally significant per 40 CFR 93.101, based on review by Interagency Consultation?

☐ If yes, go to Step 6.

☐ If no, go to Step 8. **The project, located in an isolated rural area, is not regionally significant and does not require a regional emissions analysis (40 CFR 93.101 and 93.109[l]).**

Step 6. Is the project included in another regional conformity analysis that meets the isolated rural area analysis requirements per 40 CFR 93.109, including Interagency Consultation and public involvement?

☐ If yes, go to Step 8. **The project, located in an isolated rural area, has met its regional analysis requirements through inclusion in a previously-approved regional conformity analysis that meets current requirements (40 CFR 93.109[l]).**

☐ If no, go to Step 7.

Step 7. The project, located in an isolated rural area, requires a separate regional emissions analysis.

☐ **Regional emissions analysis for regionally significant project, located in an isolated rural area, is complete. Regional conformity analysis was conducted that includes the project and reasonably foreseeable regionally significant projects for at least 20 years. Interagency Consultation and public participation were conducted. Based on the analysis, the interim or emission budget conformity tests applicable to the area are met (40 CFR 93.109[l] and 95.105).** Go to Step 8.

Step 8. Is the project located in a CO nonattainment or maintenance area?

☐ If no, go to Step 9. **CO conformity analysis is not required.**

☐ If yes, **hot-spot analysis requirements for CO per the** CO Protocol (or per EPA's modeling guidance, CAL3QHCR can be used with EMFAC emission factors[1]) **have been met. Project will not cause or contribute to a new localized CO violation (40 CFR 93.116 and 93.123)[2].** Go to Step 9.

---

[1] Use of the CO Protocol is strongly recommended due to its use of screening methods to minimize the need for modeling. When modeling is needed, the Protocol simplifies the modeling approach.

Step 9. Is the project located in a PM10 and/or a PM2.5 nonattainment or maintenance area?

☐ If no, go to Step 13. **PM2.5/PM10 conformity analysis is not required.**

☐ If yes, go to Step 10.

Step 10. Is the project considered to be a Project of Air Quality Concern (POQAC), as described in U.S. EPA Guidance of March 29, 2006?

☐ If no, **the project is not a project of concern for PM10 and/or PM2.5 hot-spot analysis based on 40 CFR 93.116 and 93.123 and EPA's Hot-Spot Analysis Guidance. Interagency Consultation concurred with this determination on** _____.

Go to Step 12.

☐ If yes, go to Step 11.

Step 11. The project is a POAQC.

☐ **The project is a project of concern for PM10 and/or PM2.5 hot-spot analysis based on 40 CFR 93.116 and 93.123, and EPA's Hot-Spot Guidance. Interagency Consultation concurred with this determination on** _____. **Detailed PM hot-spot analysis, consistent with 40 CFR 93.116 and 93.123 and EPA's Hot-Spot Guidance, shows that the project would not cause or contribute to, or worsen, any new localized violation of PM10 and/or PM2.5 standards.** Go to Step 12.

Step 12. Does the approved PM SIP include any PM10 and/or PM2.5 control measures that apply to the project, and has a written commitment been made as part of the air quality analysis to implement the identified SIP control measures?

☐ If yes, **a written commitment has been made to implement the identified SIP control measures for PM10 and/or PM2.5 through construction or operation of this project (40 CFR 93.117).**

☐ If no, go to Step 13.

Step 13a. Have project-level mitigation or control measures for CO, PM10, and/or PM2.5, included as part of the project's design concept and scope, been identified as a condition of the RTP or TIP conformity determination? AND/OR

Step 13b. Are project-level mitigation or control measures for CO, PM10, and/or PM2.5 included in the project's NEPA document?

AND

Step 13c (applies only if Step 13a and/or 13b are answered "yes"). Has a written commitment been made as part of the air quality analysis to implement the identified measures?

☐ If yes to 13a and/or 13b and 13c, **a written commitment has been made to implement the identified mitigation or control measures for CO, PM10, and/or PM2.5 though construction or operation of this project. These mitigation or control measures are identified in the project's NEPA document and/or as conditions of the RTP or TIP conformity determination. (40 CFR 93.125(a))**

☐ If no, go to Step 14

Step 14. Does the project qualify for a Section 6004 CE?

☒ If yes, STOP as all air quality conformity requirements have been met.

☐ If no, go to Step 15.

Step 15. Does the project qualify for a Section 6005 CE?

☐ If yes, attach conformity analysis, request conformity determination from FHWA, and when received, complete CE/CE Determination Form.

Date of FHWA air quality conformity determination:

STOP as all air quality conformity requirements have been met.

Name: Natalie Hill Natalie Hill Date: 02/02/09

[2] As of October 1, 2007, there are no CO nonattainment areas in California. Therefore, the requirements to not worsen existing violations and to reduce/eliminate existing violations do not apply.

RIGHT OF WAY DATA SHEET

ATTACHMENT - H

TO **Kelvin Yuen**
ATTN **David Oen**
PHONE **(213) 897-5995**
SENIOR R/W P&M
ROUTE 07-VEN-33
PM_KM PM(0.0/5.60) KP(0.0/9.01)
EA 27500k
ALT N/A

R/W DATA SHEET

Date of Data Sheet 3/11/2009
WBS
REVISED
UPDATED
PROJ._DESC HA42 201.335 SHOPP PROJECT
Storm Water Mitigation PSSR

ID NO
1551

This cost estimate is pursuant to the following statements which are based on information provided by Kelvin Yuen.

This cost estimate is valid for the above scoping report only. This is an estimate only and not an appraisal. It may be based on worse case scenarios. The estimate is subject to change and revision.

The mapping did not provide sufficient nor adequate detail to determine the limits of thr Right of Way required and effects on the improvements.

The transportation facilities have not been sufficiently designed for our estimator to determine the damages to any of the remainder parcels affected by the project.

Residential displacement is not involved .

Railroad facilities or R.R. Right of Way are not affected.

Right of Way work will not be performed by Caltrans staff.

Major items of Construction Contract Work are anticipated

It is not known at this time whether there are any material borrow and/or disposal sites are required.

It is not known at this time whether there are potential relinquishments and/or abandonments.

Hazardous waste parcels are not evident

Time constraints precluded a detailed cost estimate.

The time schedule provided by the requesting party allowed for a field inspection.

RW COST ESTIMATE

	CURRENT VALUE	ESCALATED VALUE
R/ w acq.(incl.contingency G.w-condem.-adm.s'tl.)Permits	NONE	NONE
Clearance	NONE	NONE
RAP (cont rate.)	NONE	NONE
Escrow costs (cont rate.)	NONE	NONE
Utility relocation costs	$180,000	$339,327
Estimate of Reimbursed Appraisal Fee	NONE	NONE
Total estimated cost	$180,000	$339,327

ESCALATION RATE RW .07
ESCALATION RATE Utilities .10
CERT.DATE 2/1/09

According to David Oen, no RW is required for this job.

ROUTE 07-VEN-33
PM_KM PM(0.0/5.60) KP(0.0/9.01)
EA 27500k
ALT N/A

PARCEL COUNT

PARCEL TYPES	DUAL APPR.
A	
B	
C	
D	
F	
W	

RIGHTS NEEDED	
FEE	
EASE	
TCE	

TAKES	
FULL	
PART	
TOTAL	

DISPLACEMENT OF UNITS	
SFR	
MULTI	
BUS	

PARCELS WITH RAP: 0

POTENTIAL CLEARANCE PARCELS:

POTENTIAL CONDEMNATION PARCELS:

POTENTIAL EXCESS PARCELS: not known at this time.

ESTIMATE OF PY'S

APPRAISALS

	PY	HOURS
A		
B		
C		
D		
F		
W		
Dual		

ACQUISITIONS

	PY	HOURS
A		
B		
C		
D		
F		

UTILITIES

	PY	HOURS
PY U4 1		
PY U4 2		
PY U4 3		
PY U4 4	1.0314	1,825.2
PY U5 7		
PY U5 8		
PY U5 9	0.2457	434.7

RAILROAD

	PY	HOURS
C & M		
SC		
LIC/RE		

CONDEMNATION		CLEARANCE		RELOCATION		PERMITS	
PY	HOURS	PY	HOURS	PY	HOURS	PY	HOURS

UTILITY INFORMATION

Are Utilities affected:

	Quantities	Estimated Costs	Escalated Costs
Pot Hole - 16" Gas	3	$9,000	$16,966
Pot Hole - 16" Shell Oil - Waste Water	3	$9,000	$16,966
Pot Hole - 8" Mobil Oil - Oil Line	3	$9,000	$16,966
Pot Hole - 14" O.D. SCG	3	$9,000	$16,966
Pot Hole - 22" SCG	3	$9,000	$16,966
Pot Hole - 3" F.L. Edison - Shell Oil	3	$9,000	$16,966
Pot Hole - 2" water - Shell Oil	3	$9,000	$16,966
Pot Hole - 1" dry gas - Shell Oil	3	$9,000	$16,966
Pot Hole - 1 1/2" conduit - Shell Oil	3	$9,000	$16,966
Pot Hole - 1" conduit - Shell Oil	3	$9,000	$16,966
Pot Hole - 1" dry gas - Shell Oil	3	$9,000	$16,966
Pot Hole - 1" water - Shell Oil	3	$9,000	$16,966
Pot Hole - 3" oil - Shell Oil	3	$9,000	$16,966
Pot Hole - 33" (Abn.) Water - Ven. River Mun. Water Dist.	3	$9,000	$16,966
Pot Hole - 33" Water - Ven. River Mun. Water Dist.	3	$9,000	$16,966
Pot Hole - 33" (Abn.) Water - Ven. River Mun. Water Dist.	3	$9,000	$16,966
Pot Hole - 33" (Abn.) Water - Ven. River Mun. Water Dist.	3	$9,000	$16,966
Pot Hole - 33" Water - Ven. River Mun. Water Dist.	3	$9,000	$16,966
Pot Hole - (1) Bur. Ca. - AT&T	3	$9,000	$16,966
Pot Hole - 33" (Abn.) Water - Ven. River Mun. Water Dist.	3	$9,000	$16,966

Are utility easements required _____ No. of easements _____ Are Utility agreements required _____

Types of Util. Facilities & agrmts. required Description _____

TOTAL CURRENT COST $180,000

CONST. COMPLETION DATE 11/1/2015

UTILITY ESCALATION RATE 10%

ESCALATED VALUE TO UTILITY CONSTRUCTION COMPLETION DATE $339,327

RR INFORMATION

Are RR affected: no

Describe affected RR: There is no railroad involvement at this location

WHEN BRANCH LINES OR SPURS ARE AFFECTED ,WOULD ACQUISITION AND OR PAYMENT OF DAMAGES TO BUSINESSES AND OR INDUSTRIES SERVED BY THE RAILROAD FACILITY BE MORE COST EFFECTIVE THAN SERVICE CONTRACTS ,OR GRADE SEPARATIONS REQUIRING CONSTRUCTION AND MAINTENANCE AGREEMENTS INVOLVED?

N/A

Explain Branch lines: None

DISCUSS TYPES OF AGREEMENTS AND RIGHTS REQUIRED FROM THE RAILROADS. ARE GRADE XING REQUIRING SERVICE CONTRACTS ,OR GRADE SEPARATIONS REQUIRING CONSTRUCTION AND MAINTENANCE AGREEMENTS INVOLVED.

N/A

ESTIMATED COST TO THE STATE FOR ALL R.R. INVOLVEMENTS. $0

		DATE
Right of Way Estimate prepared by	**Steve Flores**	**12/9/08**
Railroad Estimate prepared by	**Lowell W. Anderson**	**12/9/08**
Utilities Estimate prepared by	**Mark Lyles**	**3/9/09**

I have personally reviewed this R/W Data Sheet and all supporting information I certify that the probable highest and best use estimated values and assumptions are reasonable and proper subject to the limiting conditions set forth and I find this Data Sheet complete and current.

This Data Sheet is not to be signed by Chief unless accompanied by final scoping report(PR,PSR,PSSR) for review and/or signature.

CHIEF _____ 03.09

TMP DATA SHEET

ATTACHMENT - I

State of California Business, Transportation and Housing Agency

Memorandum

Flex your power!
Be energy efficient!

To: David Oen, Project Engineer
Office of Project and Special Studies

Date: December 9, 2008

File: 07-Ven-33, 0.0/5.6
07-27500K

From: **Albert K. Yu, TMP Manager (West Region)**
Office of District Traffic Manager
DEPARTMENT OF TRANSPORTATION

Subject: Approved Transportation management Plan (TMP) Data Sheet

Attached is the approved Transportation Management Plan (TMP) Data Sheet for your use.
If you have any questions, please contact Gary Young of my staff at 7-1834 or myself at 7-0285.

ALBERT K. YU, P.E., S.T.E.
TMP, West
Office of District Traffic Manager

Attachments: TMP Data Sheet
Preliminary Lane Requirement Charts

cc: File
Kelvin Yuen, Sr. TE

TRANSPORTATION MANAGEMENT PLAN DATA SHEET
(Preliminary TMP Elements and Costs)

Co/Rte/PM Ven-33, 0.0/5.6 EA 27500K Alternative No. NA

Project Limit Route 101 to north of Casitas Vista Road (End of Freeway)

Project Description The project consists of the construction of gross solid removal devices, infiltration basins, and media filters on Route 33.

1) Public Information

- ☐ a. Brochures and Mailers $
- ☒ b. Press Release
- ☐ c. Paid Advertising $
- ☐ d. Public Information Center/Kiosk $
- ☐ e. Public Meeting/Speakers Bureau
- ☐ f. Telephone Hotline
- ☒ g. Internet
- ☐ h. Others _____ $

2) Motorists Information Strategies

- ☐ a. Changeable Message Signs (Fixed) $
- ☐ b. Changeable Message Signs (Portable) $
- ☐ c. Ground Mounted Signs $
- ☐ d. Highway Advisory Radio $
- ☐ e. Caltrans Highway Information Network (CHIN)
- ☐ f. Others _____ $

3) Incident Management

- ☒ a. Construction Zone Enhanced Enforcement Program (COZEEP) $40,000
- ☐ b. Freeway Service Patrol $
- ☐ c. Traffic Management Team
- ☐ d. Helicopter Surveillance $
- ☐ e. Traffic Surveillance Stations (Loop Detector and CCTV) $
- ☐ f. Others _____ $

4) Construction Strategies

- [x] a. Lane Closure Chart
- [ ] b. Reversible Lanes
- [ ] c. Total Freeway Mainline Closure
- [ ] d. Extended Weekend Closure
- [ ] e. Contra Flow
- [ ] f. Truck Traffic Restrictions $ _____
- [ ] g. Reduced Speed Zone $ _____
- [ ] h. Connector and Ramp Closures
- [ ] i. Incentive and Disincentive $ _____
- [ ] j. Moveable Barrier $ _____
- [ ] k. Others _____ $ _____

5) Demand Management

- [ ] a. HOV Lanes/Ramps (New or Convert) $ _____
- [ ] b. Park and Ride Lots $ _____
- [ ] c. Rideshare Incentives $ _____
- [ ] d. Variable Work Hours
- [ ] e. Telecommute
- [ ] f. Ramp Metering (Temporary Installation) $ _____
- [ ] g. Ramp Metering (Modify Existing) $ _____
- [ ] h. Others _____ $ _____

6) Alternative Route Strategies

- [ ] a. Add Capacity to Freeway Connector/Ramps $ _____
- [ ] b. Street Improvement (widening, traffic signal... etc) $ _____
- [ ] c. Traffic Control Officers $ _____
- [ ] d. Parking Restrictions
- [ ] e. Others _____ $ _____

7) Other Strategies

- [ ] a. Application of New Technology $ _____
- [ ] e. Others _____ $ _____

TOTAL ESTIMATED COST OF TMP ELEMENTS = $40,000

Project Notes:

1. Project does not require any PAC funding per Judy Gish on December 8, 2008.
2. Motorist Information Strategies:

   There are no existing CMS that are in close enough proximity to be utilized for this project.
3. Incident Management:

   COZEEP provided by Amjad Obeid, Construction Traffic Advisor - November 26, 2008.

   FSP is not required since no long term closures are required and only shift closures involved.
4. Construction Strategies:

   It is anticiated all work will be done behind routine lane closures and shall conform with the hours provided in the Maintaining Traffic Specifications.
5. Demand management is not required since there are no long term closures reducing freeway capacity in this project.
6. Alternative Route Strategies are not required since there are no long term closures reducing freeway capacity in this project.

PREPARED BY Gary P. Young, T.E.T. DATE 12/9/08

APPROVAL RECOMMENDED BY Albert Yu, S.T.E. DATE 12-9-08

APPROVED BY John Yang, Dist. Traffic Mgr. DATE 12-9-08

Preliminary Chart

Chart No. 1
Freeway Lane Requirements and Hours of Work

County: Ven	Route/Direction: 33 / North	~~PM:~~

Closure Limits: Route 101 to North of Casitas Vista Rd (End of Freeway)

FROM HOUR TO HOUR	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mondays through Thursdays	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	S	S	S	S	1	1	1	1	1	
Fridays	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	S	S	S	S	1	1	1	1	1	
Saturdays	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Sundays	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

Legend:

1	Provide at least one through freeway lane open in direction of travel.
S	Shoulder closure permitted ~~(right / left)~~.

REMARKS: Number of Through Traffic Lanes - 2
The full width of the traveled way shall be open for use by public traffic when construction operations are not actively in progress.

Preliminary Chart

Chart No. 2
Freeway Lane Requirements and Hours of Work

County: Ven	Route/Direction: 33 / South	~~PM:~~

Closure Limits: North of Casitas Vista Rd (Begin Freeway) to Route 101

FROM HOUR TO HOUR	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mondays through Thursdays	1	1	1	1	1	1	S	S	S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Fridays	1	1	1	1	1	1	S	S	S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Saturdays	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sundays	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Legend:

1	Provide at least one through freeway lane open in direction of travel.
S	Shoulder closure permitted ~~(right / left)~~.

REMARKS: Number of Through Traffic Lanes - 2
The full width of the traveled way shall be open for use by public traffic when construction operations are not actively in progress.

STORM WATER COMPLIANCE

ATTACHMENT - J

Long Form - Storm Water Data Report

Dist-County-Route: 07-VEN-33

Post Mile (Kilometer Post) Limits:
PM 0.0/6.0 (KP 0.0/9.65)

Project Type: Implementation of Treatment BMPs

EA: 27500K

RU: 07-186

Program Identification: 20.20.201.335

Phase: ☒PID ☐PA/ED ☐PS&E

Regional Water Quality Control Board(s): Region 4 – Los Angeles

Is the project required to consider incorporating Treatment BMPs? ☒Yes ☐No

If yes, can Treatment BMPs be incorporated into the project? ☒Yes ☐No

If No, a Technical Data Report must be submitted to the RWQCB at least 60 days prior to PS&E Submittal. List submittal date: _____

Total Disturbed Soil Area: 1.67 Acres (0.68 Hectares)

Estimated Construction Start Date: 1/2/2014 Construction Completion Date: 3/19/2015

Notification of Construction (NOC) Date to be submitted: 12/1/2013

Notification of ADL reuse (if Yes, provide date) ☐Yes Date: _____ ☒No

Separate Dewatering Permit (if Yes, permit number) ☐Yes Permit #: _____ ☒No

This Report has been prepared under the direction of the following Licensed Person. The Licensed Person attests to the technical information contained herein and the data upon which recommendations, conclusions, and decisions are based. Professional Engineer or Landscape Architect stamp required at PS&E.

6/1/09

David Oen, Registered Project Engineer/Landscape Architect Date

I have reviewed the storm water quality design issues and find this report to be complete, current, and accurate:

6/2/09

Ojas Sheth, *Project Manager* Date

06-01-09

Roger Castillo, *Designated Maintenance Representative* Date

06.03.09

Ron Russak, *Designated Landscape Architect Representative* Date

6/3/2009

Shirley Pak, *District/Regional SW Coordinator or Designee* Date

STAMP
[Required for PS&E only]

PERFORMANCE INDICATORS

ATTACHMENT - K

EA-27500K **Storm Water Mitigation PSSR Project** **Ven-33 PM 0.0/6.0**

PERFORMANCE INDICATOR

GSRD	Inf. Basin	Media Filter	Outfall ID	PM	DIR	Drainage Area	Device Type	Pollutants Treated	Acres-Pollutant	Pollutant of Concern*
1	-	-	33-0039	0.39	SB	2.42	GSRD	1	2.42	G
2	-	-	33-0068	0.68	SB	1.96	GSRD	1	1.96	G
3	-	-	33-0077	0.77	SB	0.69	GSRD	1	0.69	G
4	-	-	33-0082	0.82	SB	0.63	GSRD	1	0.63	G
5	-	-	33-0089	0.89	SB	0.78	GSRD	1	0.78	G
6	-	-	33-0096	0.96	SB	1.62	GSRD	1	1.62	G
7	-	-	33-0119	1.19	SB	2.57	GSRD	1	2.57	G
8	-	-	33-0145	1.14	SB	1.96	GSRD	1	1.96	G
9	-	-	33-0156	1.56	SB	1.12	GSRD	1	1.12	G
10	-	-	33-0166	1.66	SB	2.18	GSRD	1	2.18	G
11	-	-	33-0196	1.96	SB	2.25	GSRD	1	2.25	G
12	-	-	33-0205	2.05	SB	1.01	GSRD	1	1.01	G
13	-	-	33-0215	2.15	SB	1.03	GSRD	1	1.03	G
14	-	-	33-0228	2.28	SB	2.93	GSRD	1	2.93	G
-	1	-	33-0267	2.67	SB (RAMP)	1.57	Infiltration Basin	9	14.13	A-I
-	2	-	33-0272	2.72	NB (Ramp)	1.57	Infiltration Basin	9	14.13	A-I
-	3	-	33-0273	2.73	SB (RAMP	1.57	Infiltration Basin	9	14.13	A-I
15	-	-	33-0287	2.87	SB	1.36	GSRD	1	1.36	G
16	-	-	33-0291	2.91	SB	0.69	GSRD	1	0.69	G
17	-	-	33-0296	2.96	SB	0.37	GSRD	1	0.37	G
18	-	-	33-0301	3.01	SB	0.58	GSRD	1	0.58	G
19	-	-	33-0307	3.07	SB	0.99	GSRD	1	0.99	G
20	-	-	33-0315	3.15	SB	1.11	GSRD	1	1.11	G
21	-	-	33-0330	3.30	SB	1.03	GSRD	1	1.03	G
22	-	-	33-0337	3.37	SB	0.84	GSRD	1	0.84	G
23	-	-	33-0343	3.43	SB	0.47	GSRD	1	0.47	G
24	-	-	33-0347	3.47	SB	0.41	GSRD	1	0.41	G
25	-	-	33-0357	3.57	SB	1.70	GSRD	1	1.70	G
26	-	-	33-0373	3.73	SB	2.62	GSRD	1	2.62	G
27	-	-	33-0391	3.91	SB	1.24	GSRD	1	1.24	G
28	-	-	33-0408	4.08	SB	1.24	GSRD	1	1.24	G
-	-	1	33-0416	4.16	SB	3.38	Media Sand Filter	5	16.90	A,B,D,E,G
-	-	2	33-0469	4.69	SB	3.18	Media Sand Filter	5	15.90	A,B,D,E,G
29	-	-	33-0480	4.80	SB	0.75	GSRD	1	0.75	G
30	-	-	33-0484	4.84	SB	0.51	GSRD	1	0.51	G
31	-	-	33-0489	4.89	SB	1.22	GSRD	1	1.22	G
32	-	-	33-0506	5.06	SB	1.41	GSRD	1	1.41	G
33	-	-	33-0515	5.15	SB	1.36	GSRD	1	1.36	G
-	-	3	33-0534	5.34	SB	2.42	Media Sand Filter	5	12.10	A,B,D,E,G
-	-	4	33-0561	5.61	SB	2.07	Media Sand Filter	5	10.35	A,B,D,E,G
34	-	-	33-0588	5.88	Ramp)	1.26	GSRD	1	1.26	G

Total Acres-Pollutant Performance Indicator 141.95

* Pollutant of Concern

A	Total Suspended Solids
B	Nutrients
C	Pesticides
D	Particulate Metals
E	Dissolved Metals
F	Pathogens
G	Litter
H	Biochemical Oxygen Demand
I	Total Dissolved Solids

AIR QUALITY AND CONFORMITY

ATTACHMENT – L

State of California
DEPARTMENT OF TRANSPORTATION

Business, Transportation and Housing Agency

Memorandum

Flex your power!
Be energy efficient!

To: KELVIN YUEN
Senior Transportation Engineer
Office of Project and Special Studies

Date: January 15, 2008

File: 07-VEN-33-PM 0.0/5.6
Storm Water Mitigation
EA 07-335-27500K

From: ANDREW YOON
Senior Transportation Engineer
Air Quality Branch
Office of Environmental Engineering & Corridor Studies

Subject: *Air quality review and issuance of exemption from project-level conformity requirements.*

This memorandum has been prepared in response to your request dated December 15, 2008, for air quality review of the Draft Project Scope Summary Report (PSSR) for the above referenced project. The project involves design and construction of Best Management Practice (BMP) devices for storm water mitigation at outfall/discharge points before storm water leaves Caltrans Right-of-Way (R/W), on State Route 33 (SR-33), Post Mile (PM) 0.0/5.6, in Ventura County. The BMPs will include Gross Solid Removal Devices (GSRDs), natural trash-capturing devices (e.g. bio-swales/strips), media filters and infiltration basins. The purpose of the project is to comply with the total maximum daily load (TMDL) requirements for storm water discharge from Caltrans facilities. There is one build alternative presented in the Draft PSSR.

The Office of Environmental Engineering and Corridor Studies (OEECS), Air Quality Branch (AQB) has completed the review and provides the comments below.

Per 40 CFR 93.126 published in the Federal Register (volume 69, page 40004) on July 1, 2004, Table 2 allows certain projects to be exempt from all emissions analyses. The proposed project can be classified as in Table 2 under the subtitle "Other" and classification "Plantings, landscaping, etc." Therefore, pursuant to 40 CFR 93.126, this project is deemed classified and is exempt from the requirement to determine conformity.

The *Transportation Project-Level Carbon Monoxide Protocol* (published by Institute of Transportation Studies, University of California, Davis, Revised December 1997) indicates that a project-level air quality analysis is not required for projects exempt pursuant to 40 CFR 93.126; and the project is unlikely to result in an adverse impact to ambient CO based on the proposed scope.

The project is exempt per 40 CFR 93.126 and is located in an area that is in attainment for both $PM_{2.5}$ and PM_{10} standards. In addition, it is a type of project that is not anticipated to involve a significant number or to result in an increase in number of diesel vehicles or increase in vehicle idling. The proposed project is expected to have a neutral influence on PM_{10} and $PM_{2.5}$

emissions; and therefore, the project is not anticipated to be of air quality concern and is unlikely to result in adverse impacts to ambient PM_{10} and $PM_{2.5}$.

The proposed project is not anticipated to result in any meaningful changes to traffic volumes, vehicle mix, location of the existing facility, or any other factors that would cause an increase in emissions impacts relative to the no-build alternative. A qualitative MSAT analysis for the proposed project is therefore deemed not necessary pursuant to the FHWA's *Interim Guidance on Air Toxics Analysis in NEPA Documents* dated February 2006.

The proposed project is located within the boundaries of South Central Coast Air Quality Management District. Measures to control fugitive dust caused by project construction are presented in Ventura County Air Pollution Control District's (VCAPCD) Rule 55 – Fugitive Dust, which is effective since October 8, 2008. The project will need to comply with these dust control measures during construction, where applicable.

It is requested that the AQB be informed of any changes to the proposed scope or the class of action determined for the project. Such changes may require update or reassessment of air quality issues for the proposed project.

If you have any questions, please contact me at (213) 897-6117 or Md Shaheed at (213) 897-0458.

HAZARDOUS WASTE

ATTACHMENT – M

State of California Business, Transportation and Housing Agency

Memorandum

To: Kelvin Yuen, PE
Senior Transportation Engineer
Office of Project Studies
Attn: David Oen

Date: December 30, 2008
File: 07-VEN-33 PM 0.0/5.6
BMP's For Storm Water
EA: 27500K

From: **DEPARTMENT OF TRANSPORTATION**
Office of Environmental Engineering and Feasibility Study
Hazardous Waste Branch, North Region

Subject: Hazardous Waste Assessment Update

This is in response to your memorandum dated November 20, 2008 requesting a hazardous waste assessment for the above-referenced project. Your group is preparing a Project Scope Summary Report (PSSR) on BMP's for Storm Water Mitigation on SR-33 in Ventura County between US-101 and Casitas Vista Road to comply with TMDL requirements. Presently three types of facilities are proposed at a total of 41 locations along the freeway. All work will be conducted within the State right-of-way.

We have discussed the project scope with your staff, visited the site and researched our library for past comparable studies. The proposed facilities range in size from 14.5'X11.5' rectangular to 156' in diameter and in depth 3' to 5'. All the excavated soil is to be reused on site and no surplus soil is expected. In the field, it was observed that an abandoned Shell Chemical Company was located near outfall ID 0373 and that several other sites were adjacent to active oil pumps. Also near outfall ID 0267 there is a chain link fence surrounding piping that would require coordination with the controlling company for appropriate access. A past aerially deposited lead (ADL) site investigation, conducted in 2004 just north of Casitas Vista Road Interchange, our Library ID 7S01, revealed high level of total lead, up to 800 mg/kg, and WET, up to 71 mg/l in top 6" soil. Based on available information, the project is given a hazardous waste assessment as noted below.

There is a potential of hazardous waste contamination from ADL present in unpaved areas requiring excavation for the project. A site investigation is recommended for ADL and potential petroleum contents in soil during the PS&E phase. In general, the top two feet soil in the unpaved area adjacent to the freeway mainline roadway is expected to contain high concentration of ADL contaminant. Should the soil be reused on site, it can be placed under 1 foot of non-hazardous soil and at least 5 feet above the maximum ground water level in accordance with the Lead Variance from the Department of Toxic Substances Control (DTSC). If not reusable within the State right-of-way, this soil must be hauled off to and disposed of at a Class I facility as California hazardous waste. The contractor will be required to prepare a project specific Lead Compliance Plan (LCP) in accordance with the special provisions to prevent or minimize workers' exposure to lead in the soil. For engineer's cost estimate, please refer to the latest contract cost database at http://t8web/design/contractcost/.

Please inform us of any changes made to the scope of work. If you have any questions or need additional information, please contact me at extension 7-0670 or Nathan Chou of my staff at 7-4718.

Ayubur Rahman
Senior Transportation Engineer
District Hazardous Waste Coordinator, North Region